

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
 Data File : VX012256.D
 Acq On : 10 Sep 2019 15:31
 Operator : SY/SP
 Sample : VX0910SBS02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

Quant Time: Sep 11 01:34:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	139509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	245668	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	219283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	105794	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	85908	43.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.12%	
35) Dibromofluoromethane	5.48	113	70636	44.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.70%	
50) Toluene-d8	8.71	98	281908	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	11.13	95	113299	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	25233	22.123	ug/l	98
3) Chloromethane	1.31	50	21532	20.943	ug/l	96
4) Vinyl Chloride	1.40	62	21563	21.152	ug/l	99
5) Bromomethane	1.62	94	10686	23.398	ug/l	98
6) Chloroethane	1.71	64	14418	21.151	ug/l	96
7) Trichlorofluoromethane	1.92	101	39612	21.470	ug/l	99
8) Diethyl Ether	2.18	74	11990	19.045	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27179	21.858	ug/l	99
10) Methyl Iodide	2.50	142	21245	17.951	ug/l	99
11) Tert butyl alcohol	3.03	59	20581	92.445	ug/l	99
12) 1,1-Dichloroethene	2.36	96	22445	21.262	ug/l	98
13) Acrolein	2.28	56	8619	83.594	ug/l	95
14) Allyl chloride	2.72	41	42397	19.699	ug/l	98
15) Acrylonitrile	3.13	53	31820	81.765	ug/l	96
16) Acetone	2.43	43	32103	68.755	ug/l	98
17) Carbon Disulfide	2.56	76	45481	20.517	ug/l	99
18) Methyl Acetate	2.76	43	15514	15.808	ug/l	95
19) Methyl tert-butyl Ether	3.18	73	74139	17.784	ug/l	96
20) Methylene Chloride	2.84	84	30395	19.244	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	26095	20.719	ug/l	98
22) Diisopropyl ether	3.84	45	92271	18.746	ug/l	95
23) Vinyl Acetate	3.80	43	265168	87.806	ug/l	99
24) 1,1-Dichloroethane	3.69	63	53189	20.174	ug/l	100
25) 2-Butanone	4.66	43	46741	78.307	ug/l	94
26) 2,2-Dichloropropane	4.56	77	50803	20.524	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	32595	20.046	ug/l	99
28) Bromochloromethane	5.00	49	21040	17.015	ug/l	99
29) Tetrahydrofuran	5.12	42	26541	82.413	ug/l	98
30) Chloroform	5.20	83	58262	19.597	ug/l	99
31) Cyclohexane	5.57	56	39029	21.310	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	51647	20.231	ug/l	98
36) 1,1-Dichloropropene	5.79	75	39076	21.814	ug/l	99
37) Ethyl Acetate	4.83	43	18173	16.412	ug/l #	91
38) Carbon Tetrachloride	5.77	117	43519	20.707	ug/l	94

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 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

Quant Time: Sep 11 01:34:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	42143	21.437	ug/l	94
40) Benzene	6.13	78	110979	20.470	ug/l	96
41) Methacrylonitrile	5.03	41	11369	16.654	ug/l	96
42) 1,2-Dichloroethane	6.18	62	39901	18.621	ug/l	100
43) Isopropyl Acetate	6.43	43	39212	16.796	ug/l	99
44) Trichloroethene	7.21	130	30198	20.582	ug/l	97
45) 1,2-Dichloropropane	7.50	63	29715	19.801	ug/l	95
46) Dibromomethane	7.65	93	15103	18.414	ug/l	98
47) Bromodichloromethane	7.89	83	41640	18.604	ug/l	98
48) Methyl methacrylate	7.76	41	18549	16.599	ug/l	95
49) 1,4-Dioxane	7.73	88	4904	325.220	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	100250	81.362	ug/l	99
52) Toluene	8.78	92	73146	20.426	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	40142	17.969	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	47194	19.051	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	22720	17.880	ug/l	99
56) Ethyl methacrylate	9.17	69	29446	17.115	ug/l	98
57) 1,3-Dichloropropane	9.37	76	39788	18.334	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	72324	82.020	ug/l	99
59) 2-Hexanone	9.49	43	68622	80.099	ug/l	99
60) Dibromochloromethane	9.57	129	26023	17.543	ug/l	97
61) 1,2-Dibromoethane	9.67	107	20550	17.374	ug/l	99
64) Tetrachloroethene	9.33	164	24883	21.456	ug/l	96
65) Chlorobenzene	10.14	112	81053	20.229	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	29686	19.654	ug/l	99
67) Ethyl Benzene	10.25	91	151402	21.246	ug/l	99
68) m/p-Xylenes	10.35	106	112872	43.028	ug/l	100
69) o-Xylene	10.70	106	54454	21.190	ug/l	98
70) Styrene	10.71	104	91783	20.139	ug/l	98
71) Bromoform	10.85	173	13389	17.095	ug/l #	99
73) Isopropylbenzene	11.01	105	151010	21.682	ug/l	100
74) N-amyl acetate	10.89	43	36409	17.582	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	27774	18.568	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	28867	21.240	ug/l	86
77) Bromobenzene	11.25	156	32568	20.310	ug/l	98
78) n-propylbenzene	11.35	91	186249	22.145	ug/l	99
79) 2-Chlorotoluene	11.42	91	110978	21.298	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	136073	21.725	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	7571	16.691	ug/l	94
82) 4-Chlorotoluene	11.51	91	133651	21.342	ug/l	98
83) tert-Butylbenzene	11.77	119	130513	21.460	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	138238	21.350	ug/l	100
85) sec-Butylbenzene	11.94	105	156305	21.540	ug/l	100
86) p-Isopropyltoluene	12.06	119	143743	21.438	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	66517	20.364	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	66591	20.161	ug/l	98
89) n-Butylbenzene	12.38	91	141093	21.470	ug/l	99
90) Hexachloroethane	12.59	117	24636	19.948	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	60799	20.121	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	5238	17.156	ug/l	95

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Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

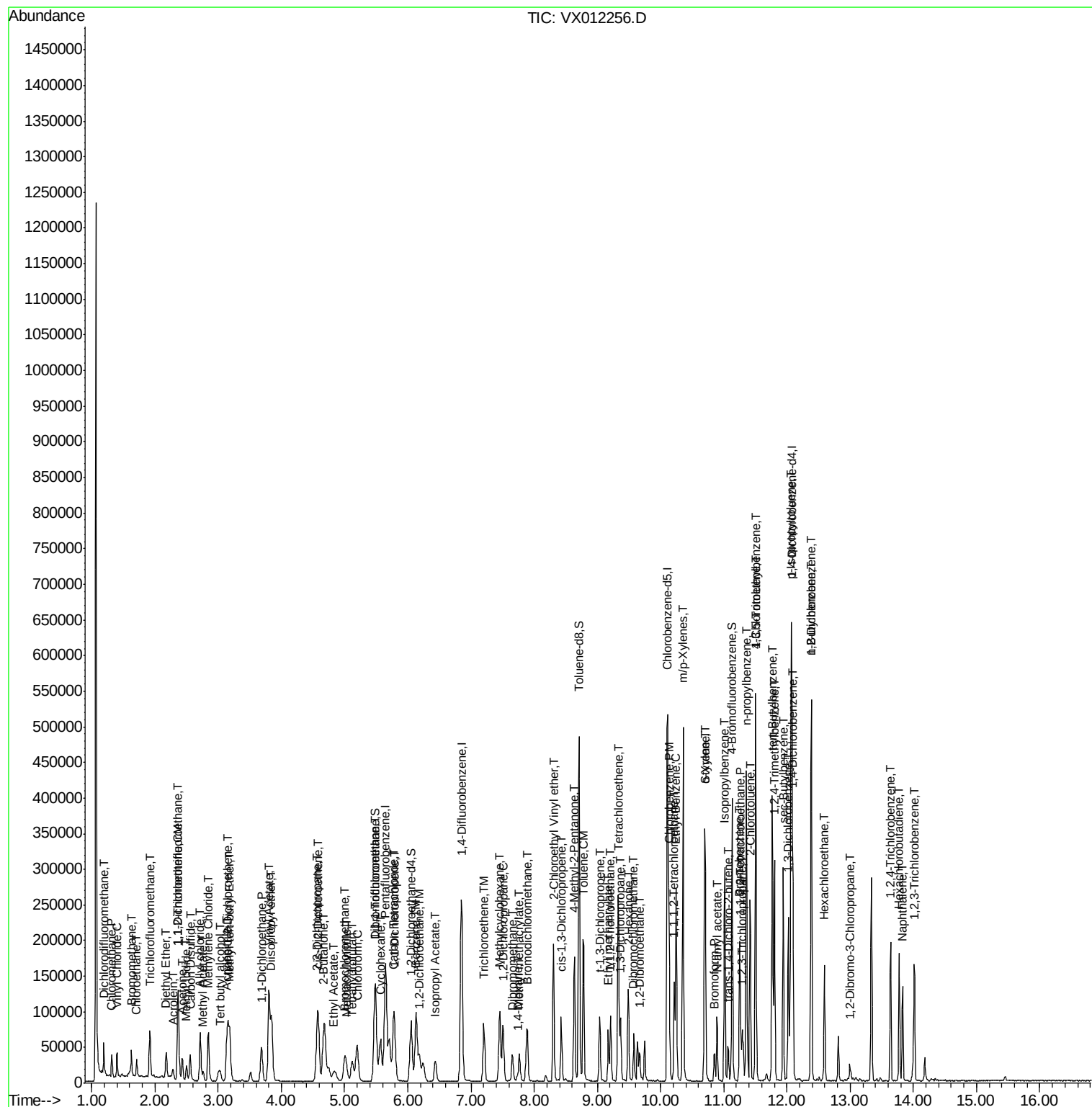
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	39694	19.022	ug/l	98
94) Hexachlorobutadiene	13.77	225	21361	20.577	ug/l	98
95) Naphthalene	13.83	128	76491	17.081	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	33722	18.265	ug/l	99

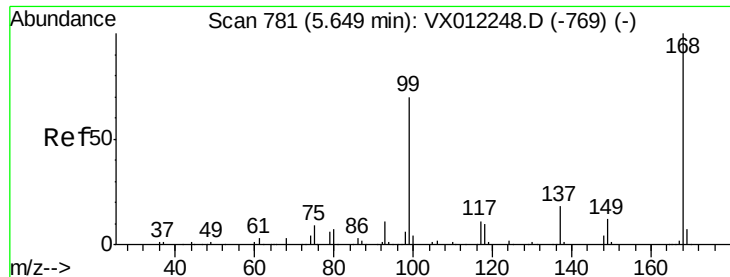
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

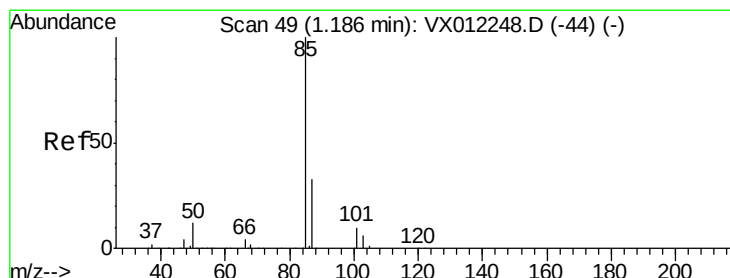
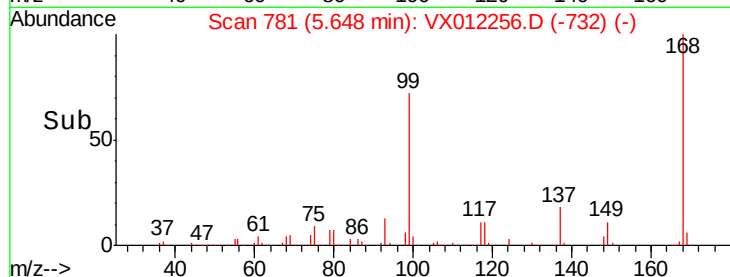
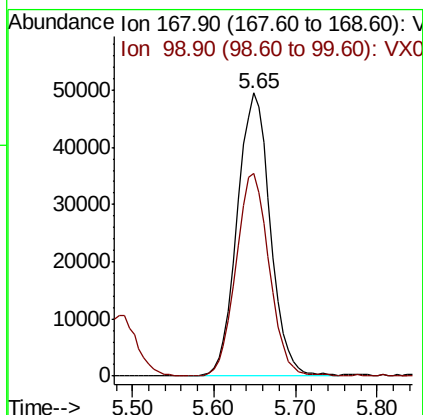
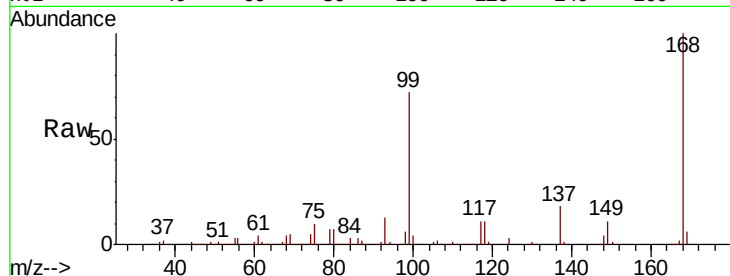




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

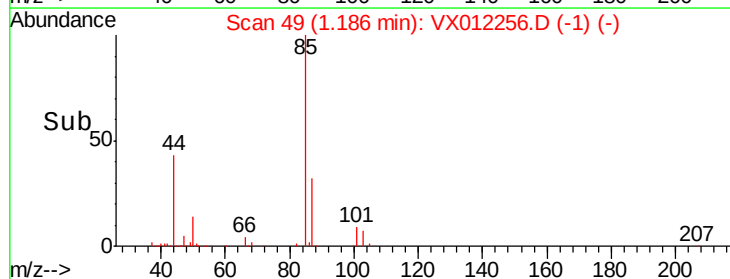
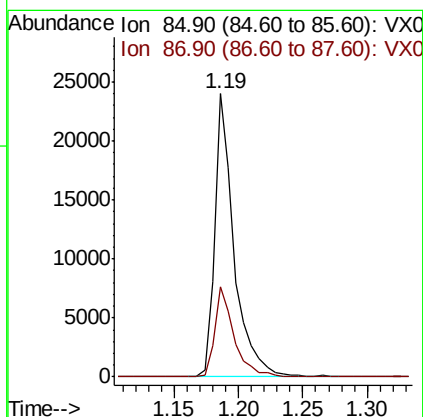
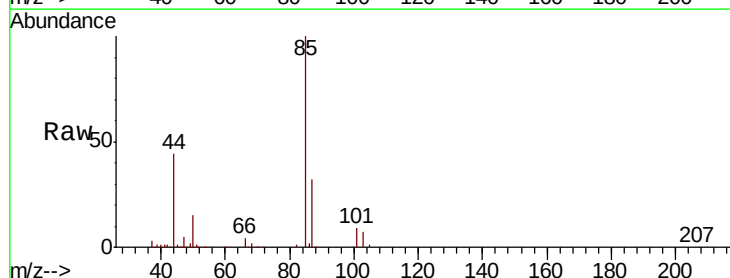
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

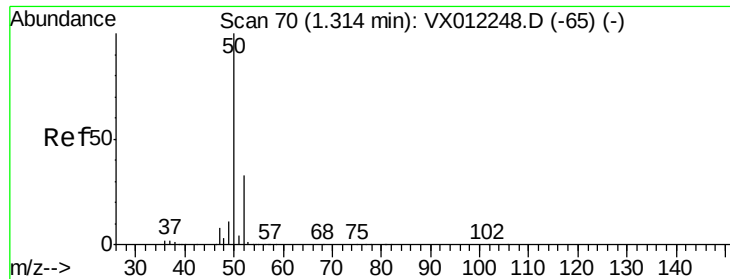
Tgt Ion: 168 Resp: 139509
Ion Ratio Lower Upper
168 100
99 71.5 55.8 83.6



#2
Dichlorodifluoromethane
Concen: 22.123 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Tgt Ion: 85 Resp: 25233
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.0





#3

Chloromethane

Concen: 20.943 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

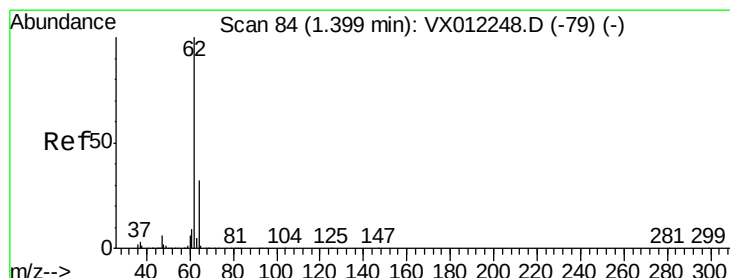
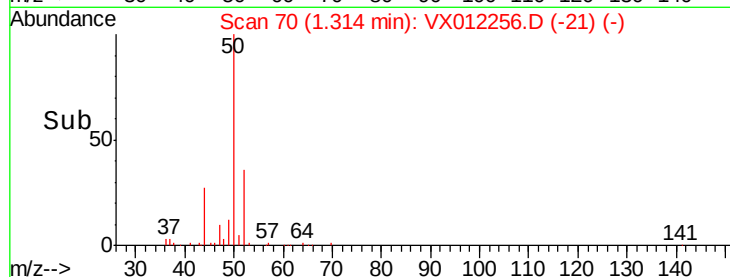
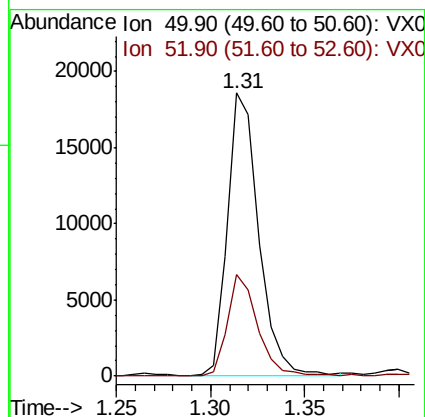
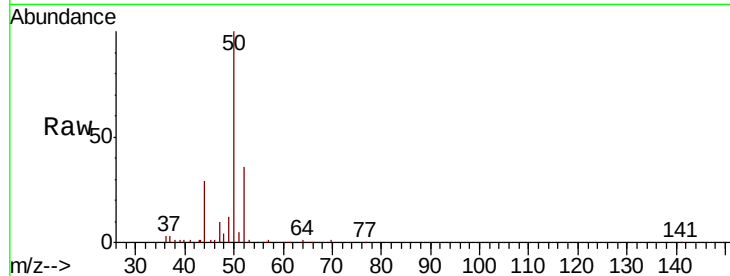
VX0910SBS02

Tgt Ion: 50 Resp: 21532

Ion Ratio Lower Upper

50 100

52 35.8 26.7 40.1



#4

Vinyl Chloride

Concen: 21.152 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012256.D

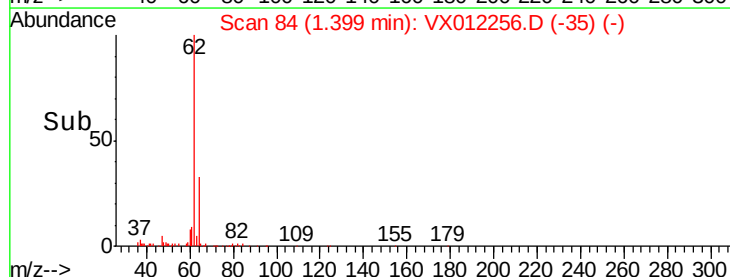
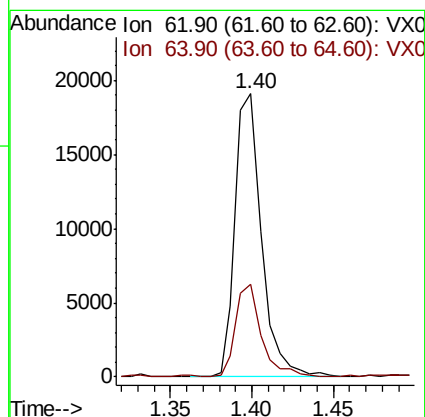
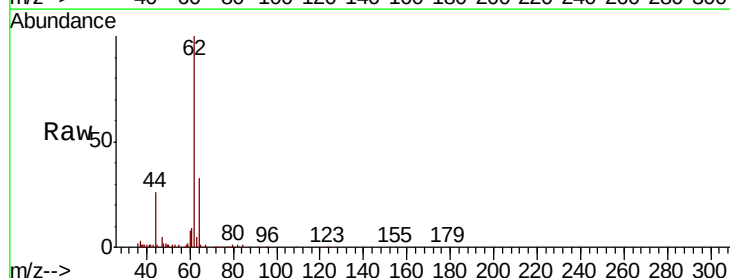
Acq: 10 Sep 2019 15:31

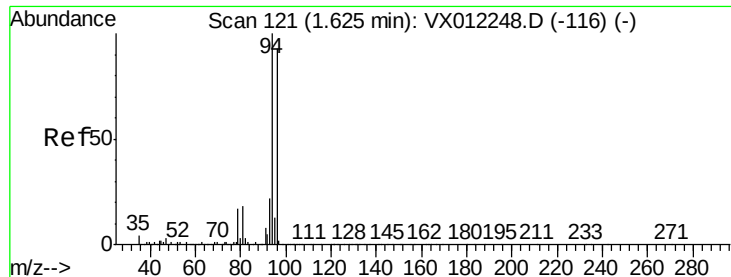
Tgt Ion: 62 Resp: 21563

Ion Ratio Lower Upper

62 100

64 32.4 25.5 38.3





#5

Bromomethane

Concen: 23.398 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

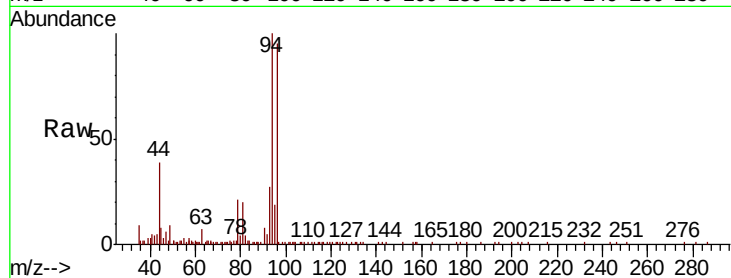
VX0910SBS02

Tgt Ion: 94 Resp: 10686

Ion Ratio Lower Upper

94 100

96 94.0 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

10000

8000

6000

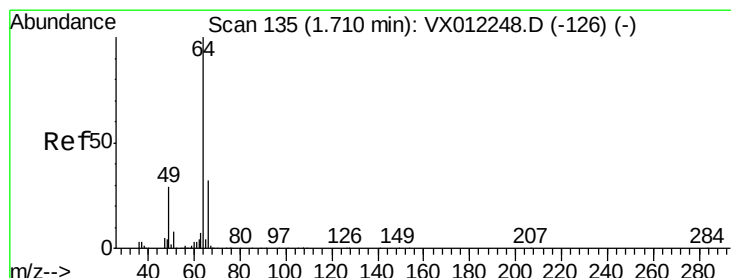
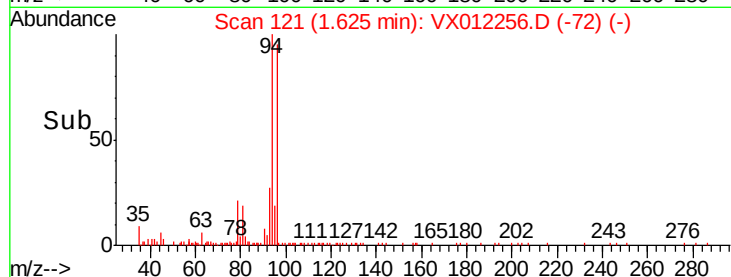
4000

2000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 21.151 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012256.D

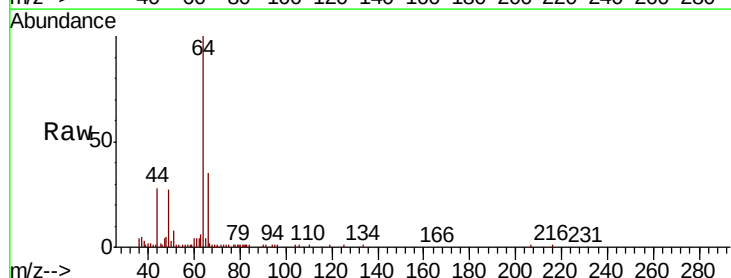
Acq: 10 Sep 2019 15:31

Tgt Ion: 64 Resp: 14418

Ion Ratio Lower Upper

64 100

66 34.4 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

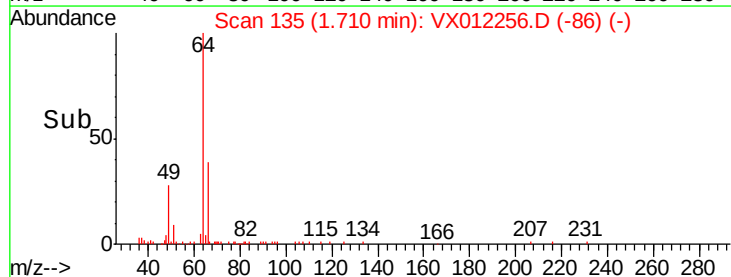
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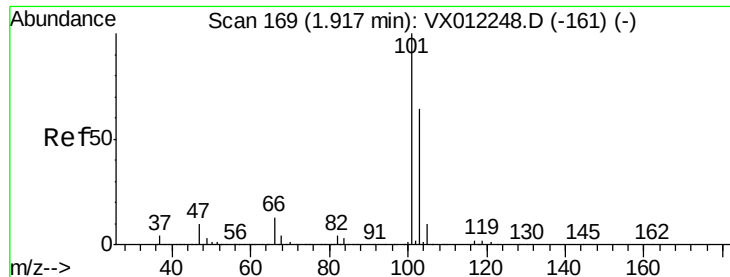
5000

0

Time-->

1.65 1.70 1.75 1.80



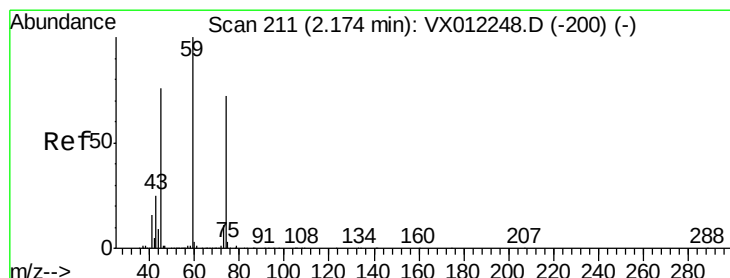
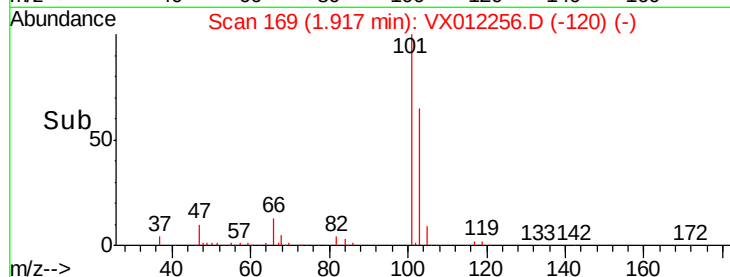
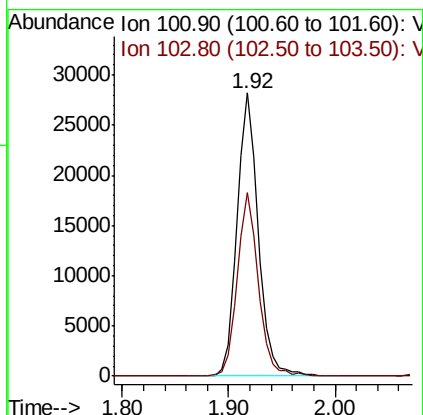
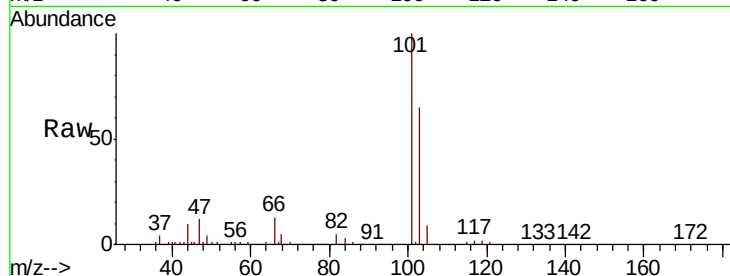


#7

Trichlorofluoromethane
 Concen: 21.470 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

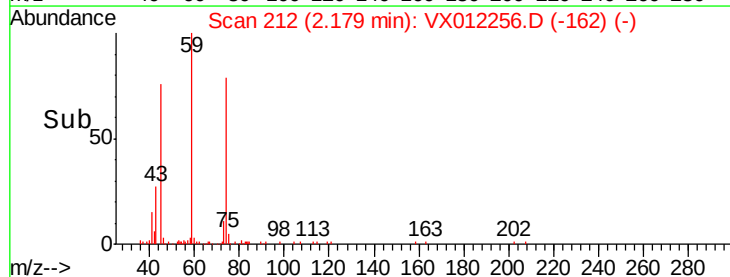
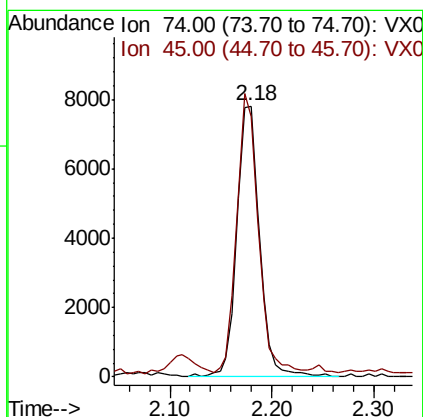
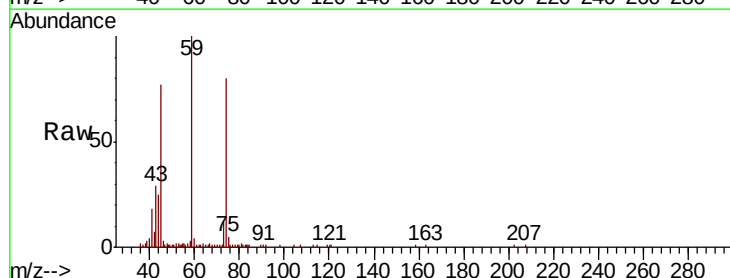
Tgt Ion:101 Resp: 39612
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.2

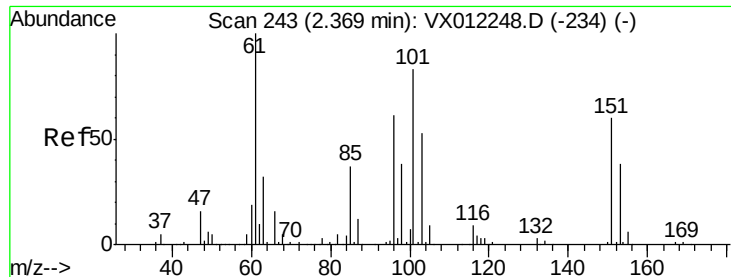


#8

Diethyl Ether
 Concen: 19.045 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.01 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

Tgt Ion: 74 Resp: 11990
 Ion Ratio Lower Upper
 74 100
 45 95.9 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.858 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

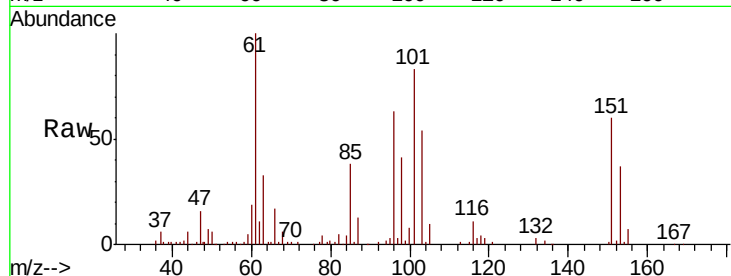
Tgt Ion:101 Resp: 27179

Ion Ratio Lower Upper

101 100

85 45.9 37.0 55.6

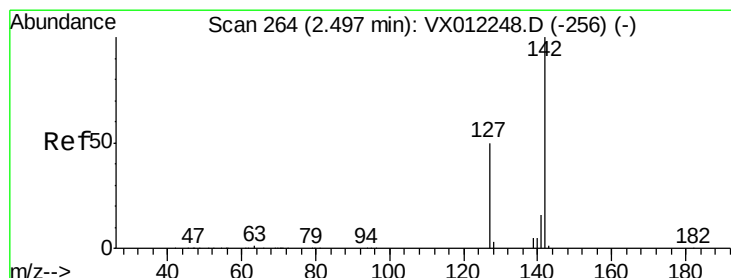
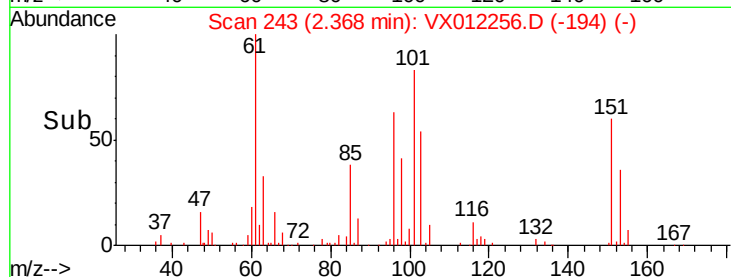
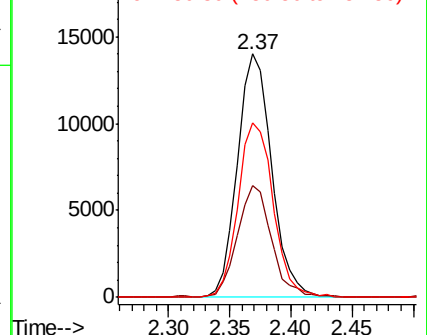
151 73.7 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.951 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

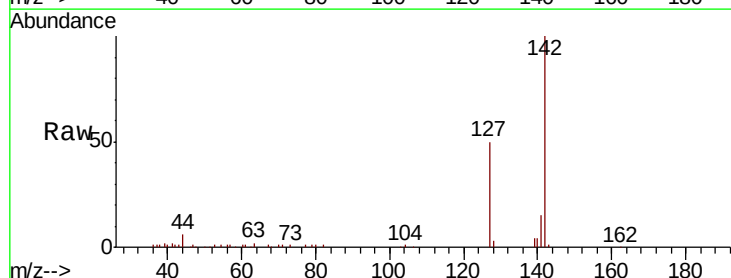
Tgt Ion:142 Resp: 21245

Ion Ratio Lower Upper

142 100

127 51.8 40.6 61.0

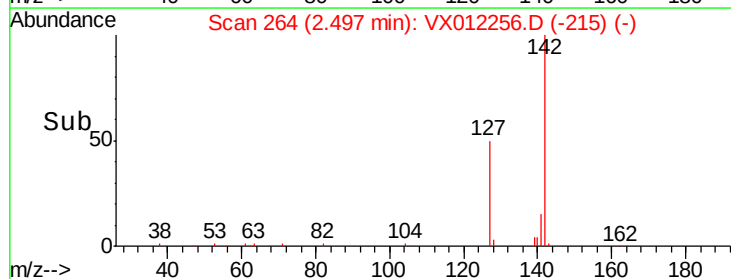
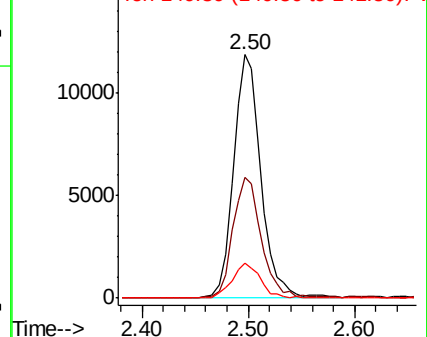
141 14.7 12.0 18.0

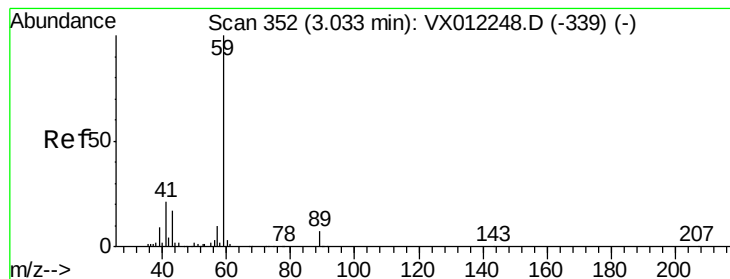


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 92.445 ug/l

RT: 3.03 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

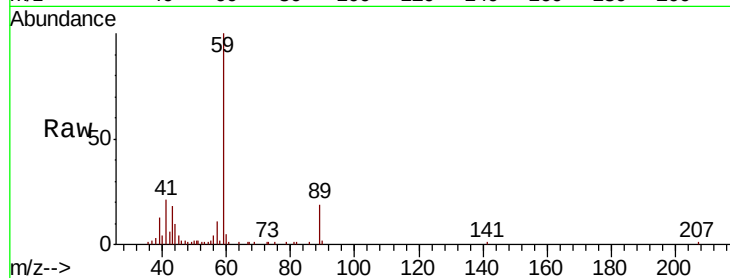
VX0910SBS02

Tgt Ion: 59 Resp: 20581

Ion Ratio Lower Upper

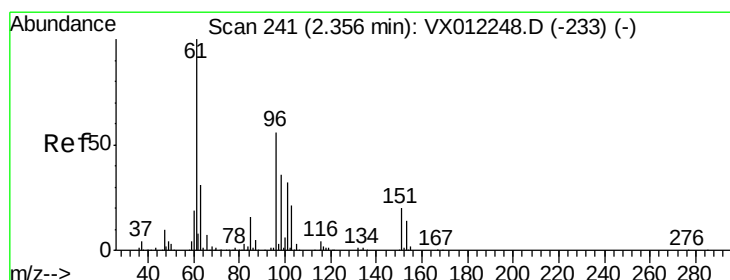
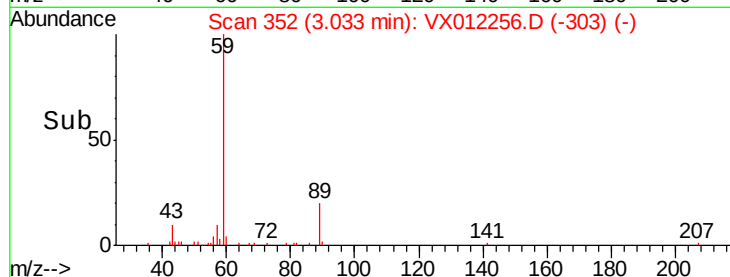
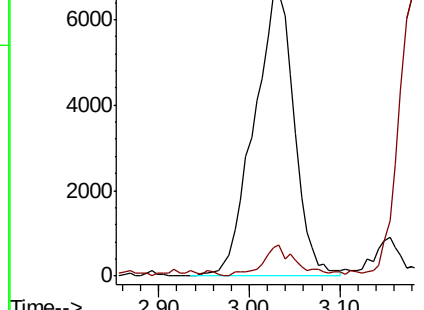
59 100

57 9.2 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 21.262 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.01 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

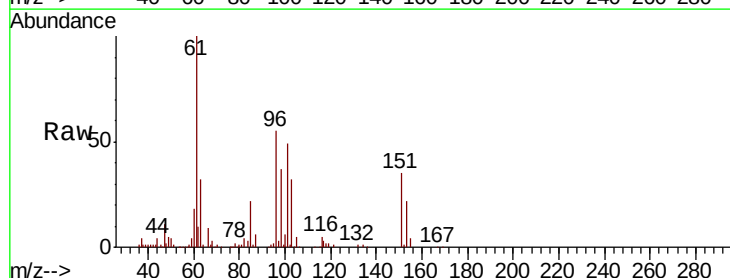
Tgt Ion: 96 Resp: 22445

Ion Ratio Lower Upper

96 100

61 180.0 142.2 213.2

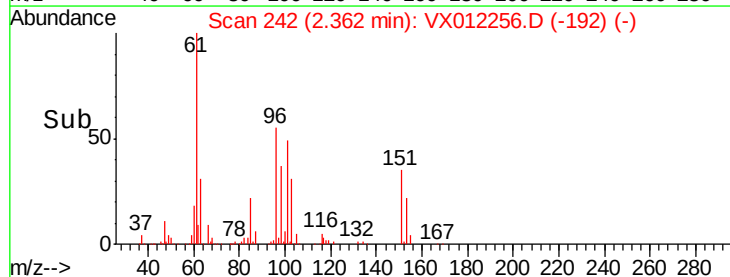
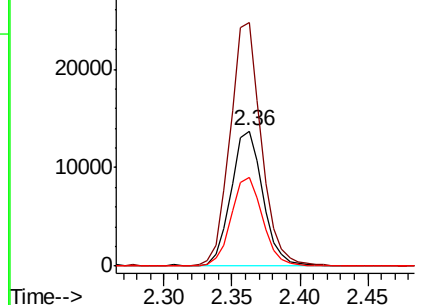
98 66.0 51.3 76.9

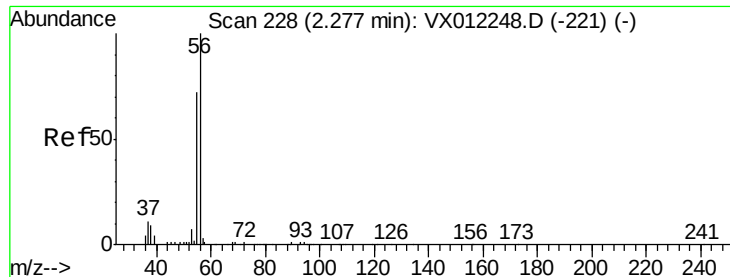


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 83.594 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

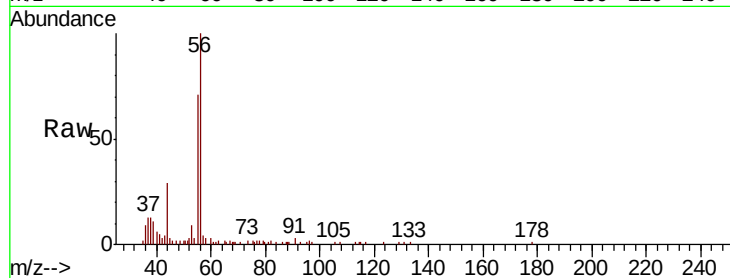
VX0910SBS02

Tgt Ion: 56 Resp: 8619

Ion Ratio Lower Upper

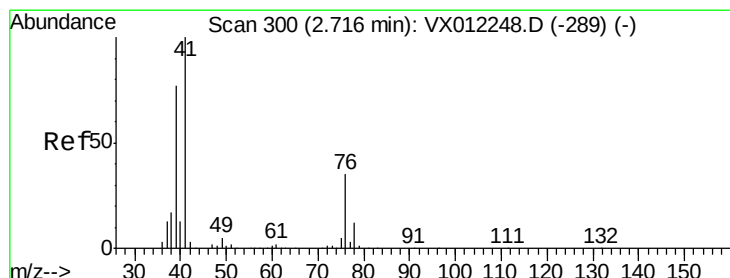
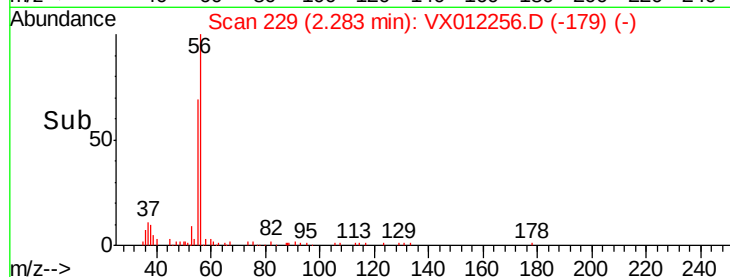
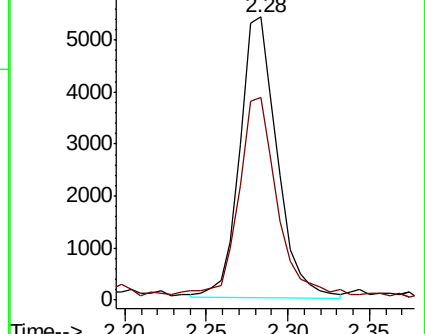
56 100

55 70.2 59.8 89.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.699 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

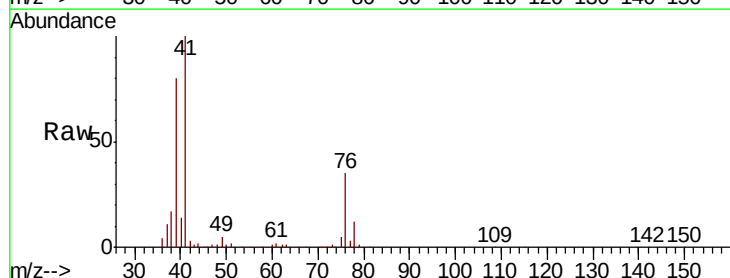
Tgt Ion: 41 Resp: 42397

Ion Ratio Lower Upper

41 100

39 75.9 58.6 87.8

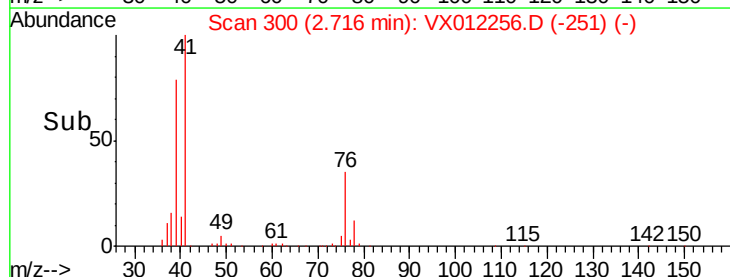
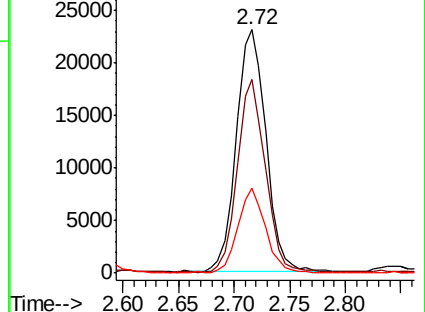
76 33.1 26.3 39.5

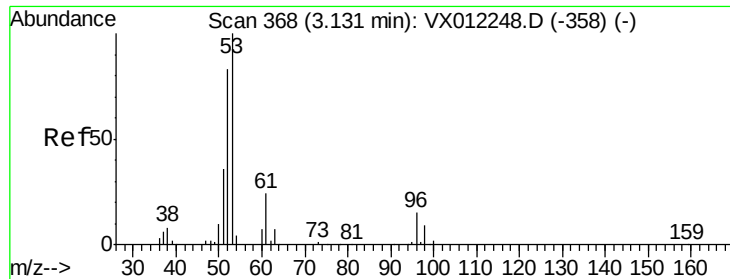


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 81.765 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

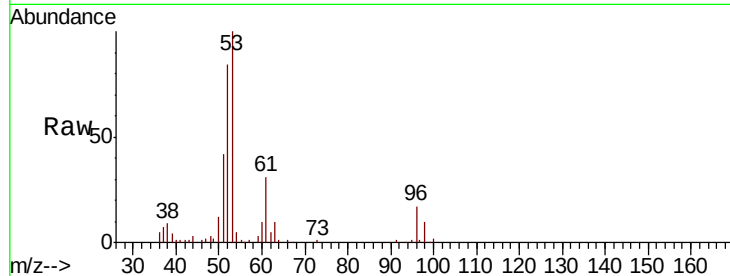
Tgt Ion: 53 Resp: 31820

Ion Ratio Lower Upper

53 100

52 80.4 66.8 100.2

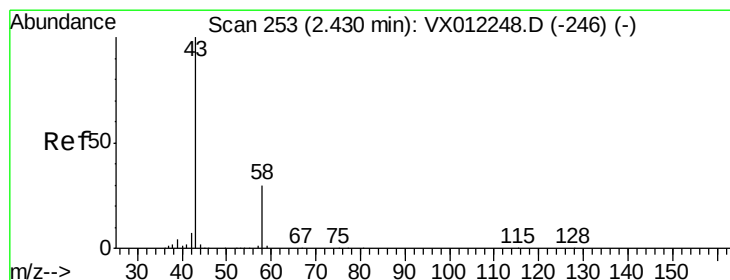
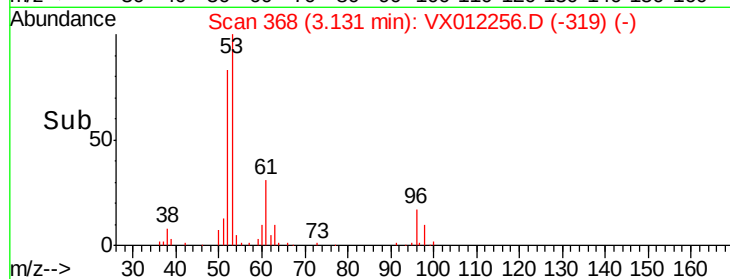
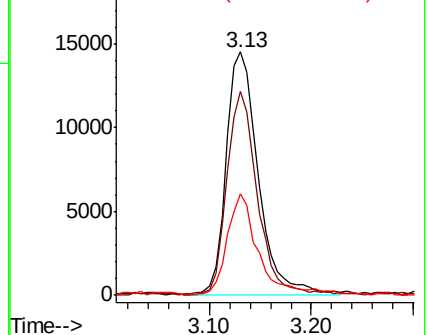
51 40.7 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 68.755 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012256.D

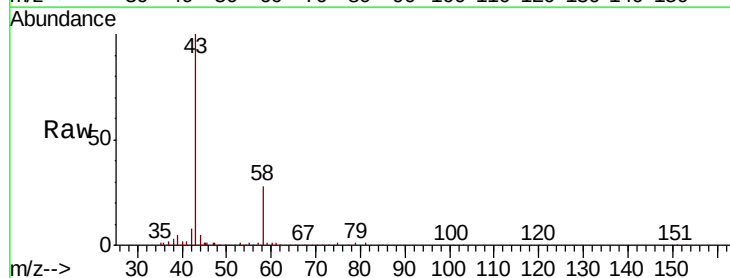
Acq: 10 Sep 2019 15:31

Tgt Ion: 43 Resp: 32103

Ion Ratio Lower Upper

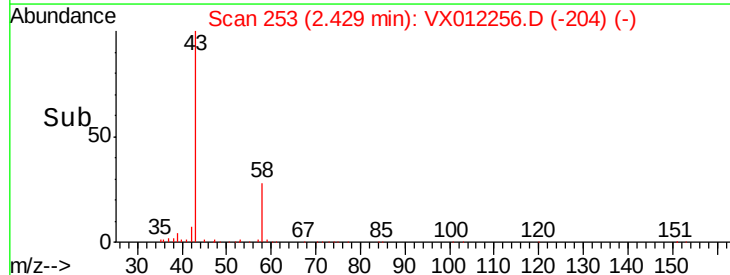
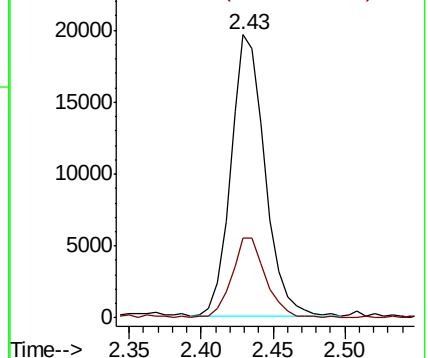
43 100

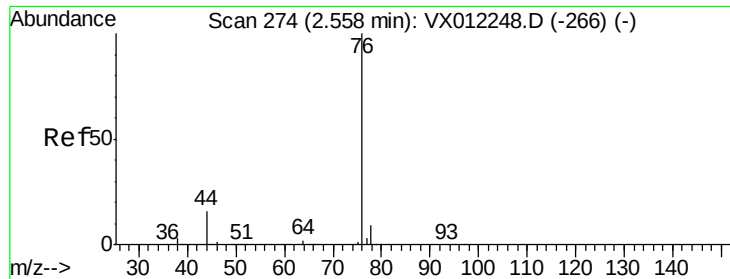
58 28.3 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

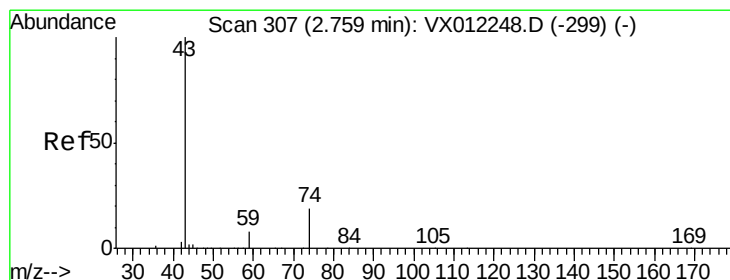
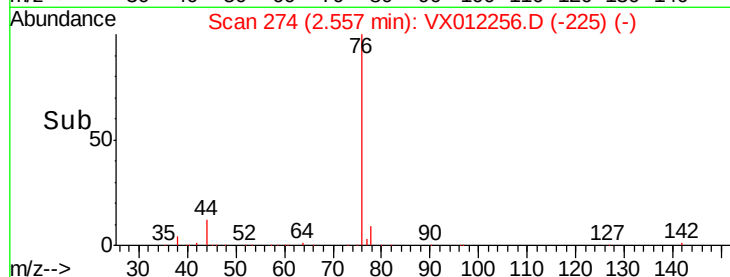
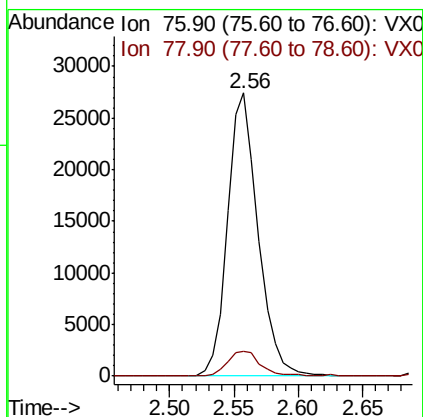
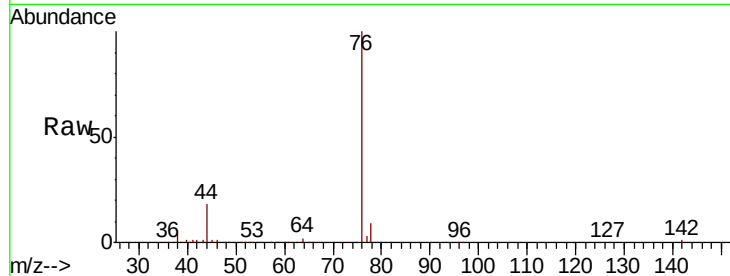




#17
Carbon Disulfide
Concen: 20.517 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

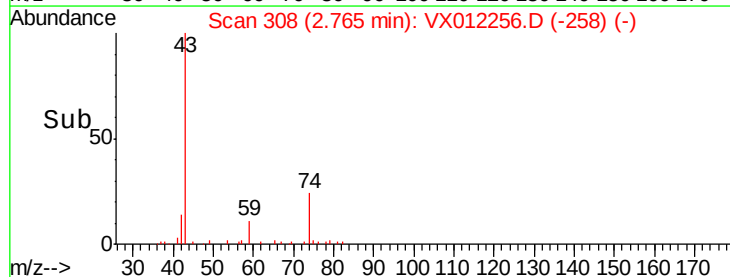
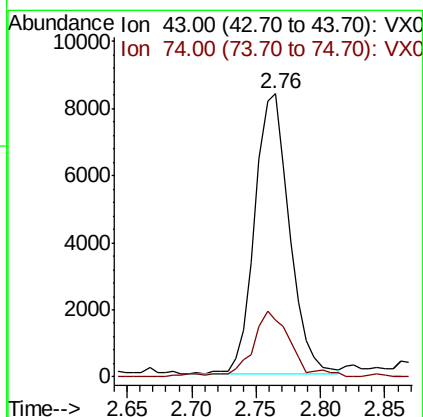
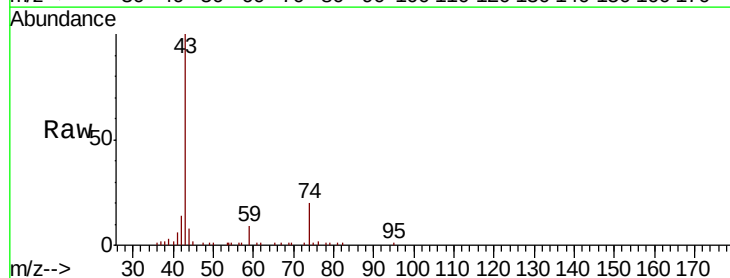
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

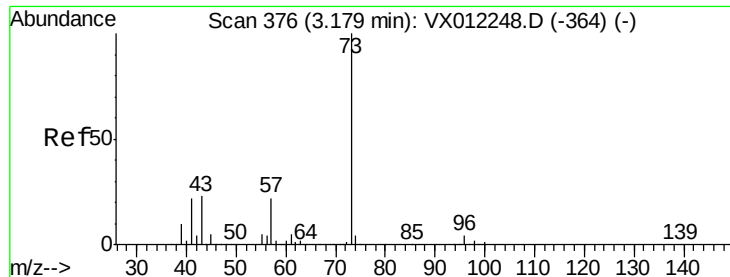
Tgt Ion: 76 Resp: 45481
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 15.808 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Tgt Ion: 43 Resp: 15514
Ion Ratio Lower Upper
43 100
74 25.3 18.3 27.5

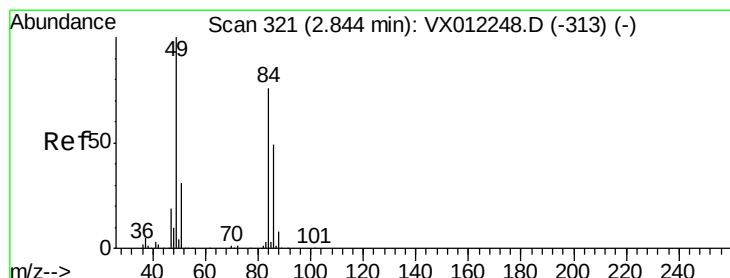
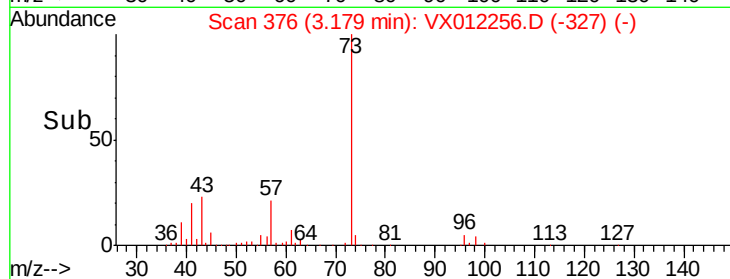
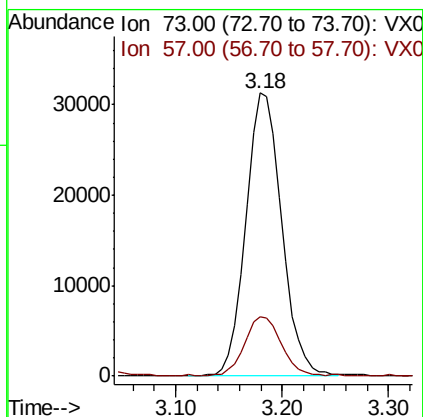
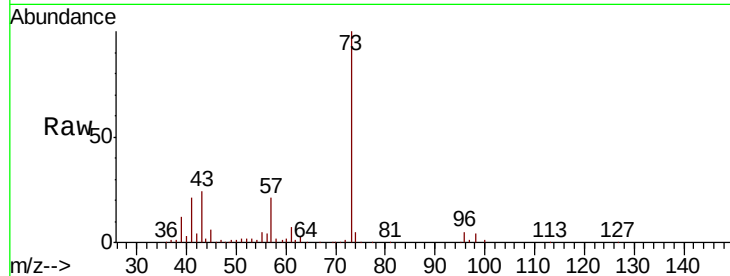




#19
Methyl tert-butyl Ether
Concen: 17.784 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

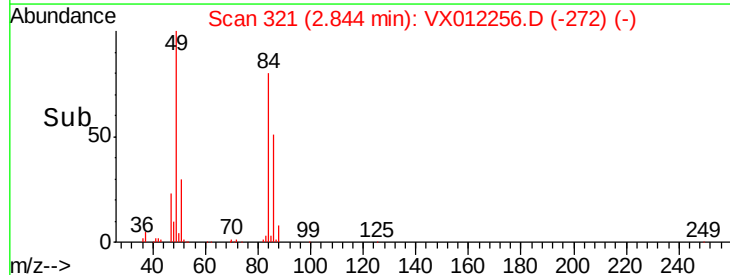
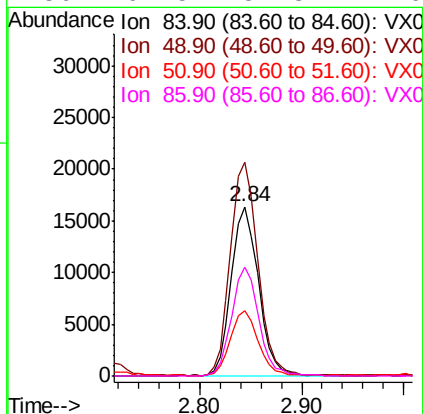
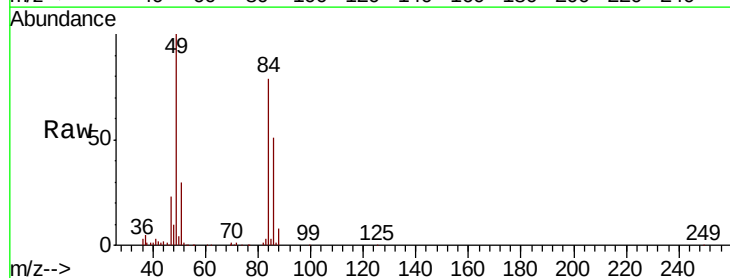
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

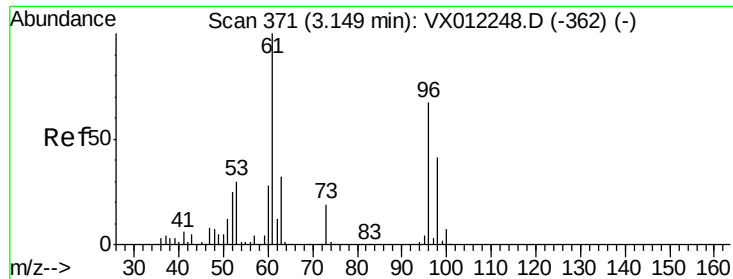
Tgt Ion: 73 Resp: 74139
Ion Ratio Lower Upper
73 100
57 20.4 17.7 26.5



#20
Methylene Chloride
Concen: 19.244 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Tgt Ion: 84 Resp: 30395
Ion Ratio Lower Upper
84 100
49 126.0 105.0 157.6
51 37.8 32.6 48.8
86 64.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 20.719 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

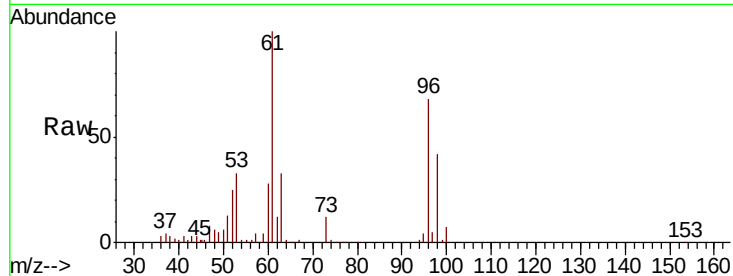
Tgt Ion: 96 Resp: 26095

Ion Ratio Lower Upper

96 100

61 146.4 119.4 179.2

98 61.7 48.4 72.6

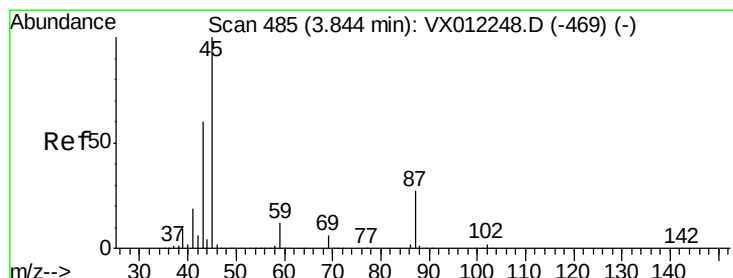
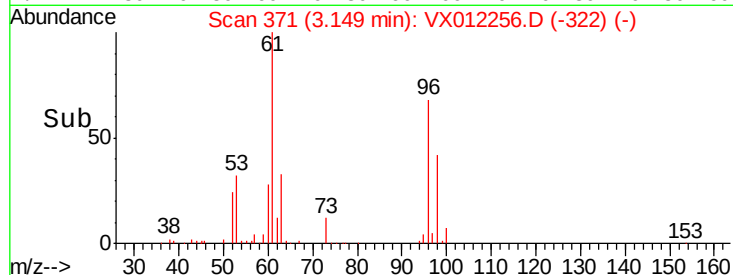
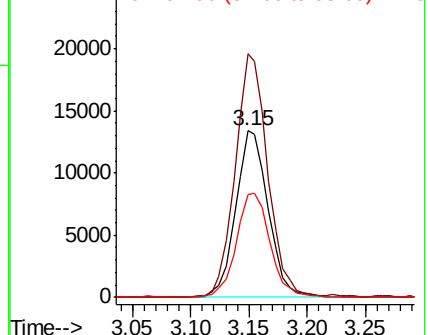


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.746 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Tgt Ion: 45 Resp: 92271

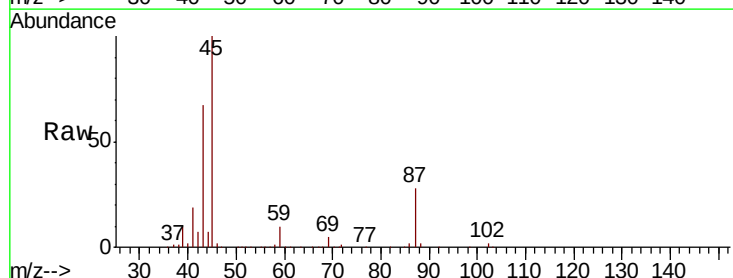
Ion Ratio Lower Upper

45 100

43 65.6 48.3 72.5

87 28.0 21.8 32.8

59 10.3 9.1 13.7



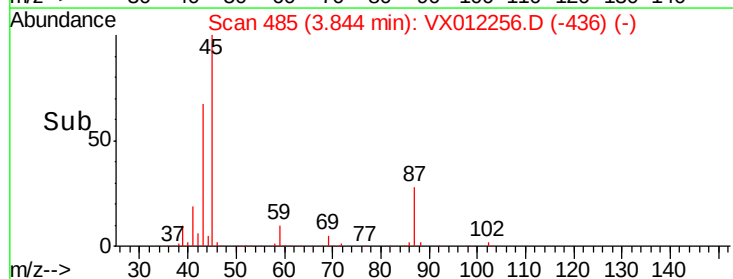
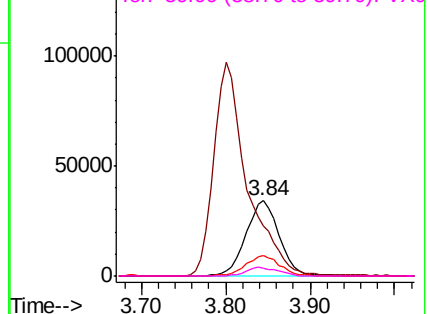
Abundance

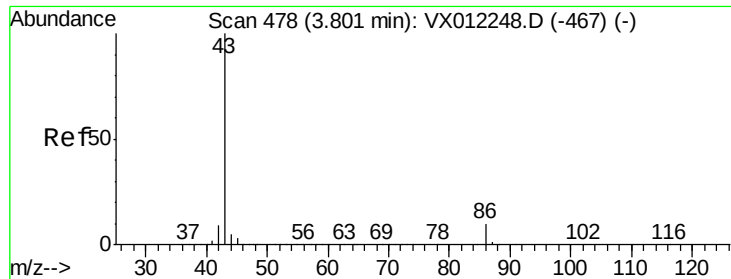
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

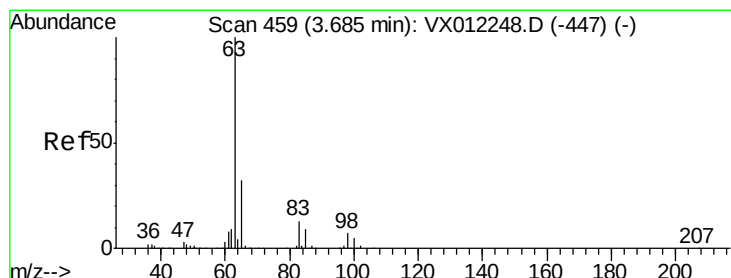
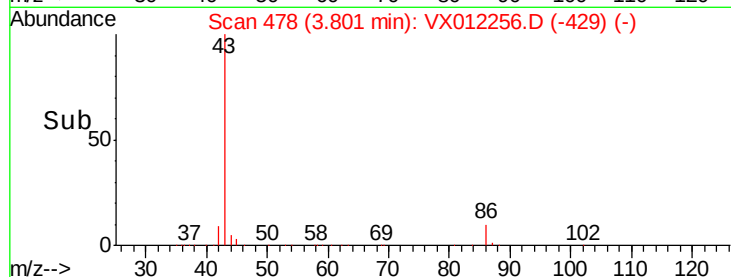
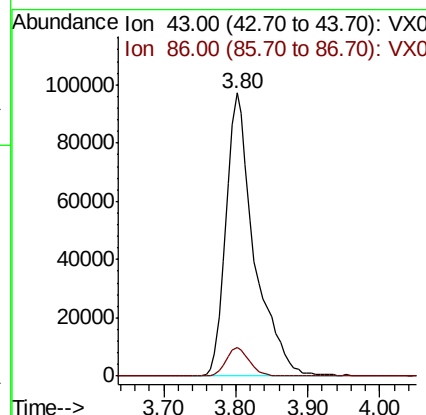
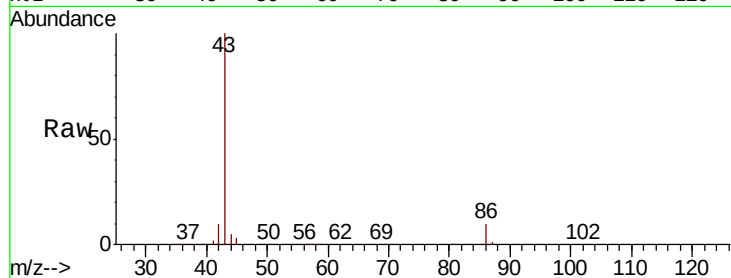




#23
 Vinyl Acetate
 Concen: 87.806 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

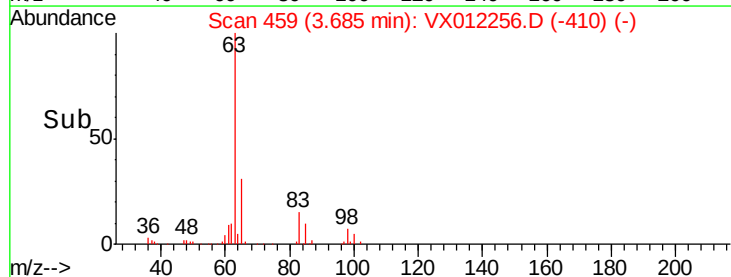
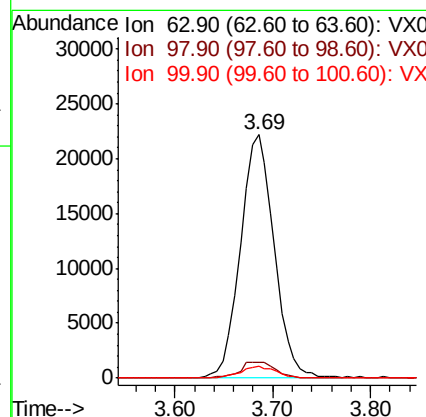
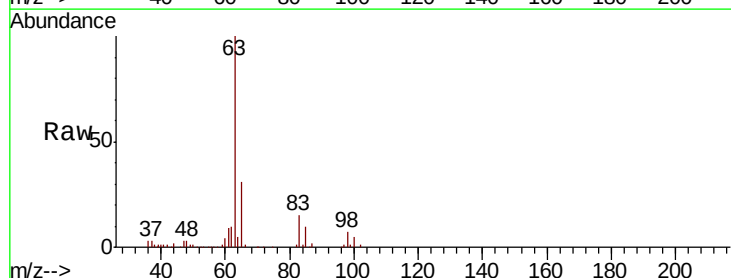
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0910SBS02

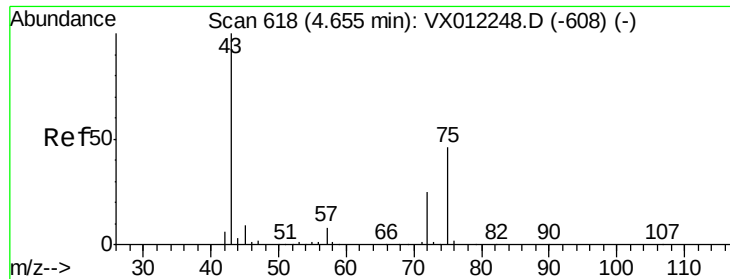
Tgt Ion: 43 Resp: 265168
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 20.174 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

Tgt Ion: 63 Resp: 53189
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 5.0 2.4 7.2





#25

2-Butanone

Concen: 78.307 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

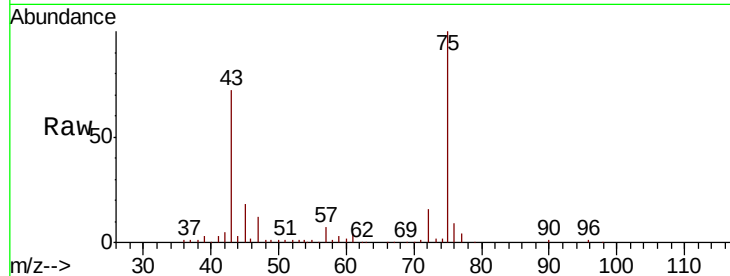
VX0910SBS02

Tgt Ion: 43 Resp: 46741

Ion Ratio Lower Upper

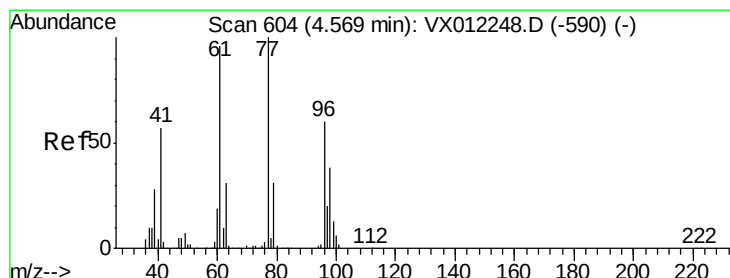
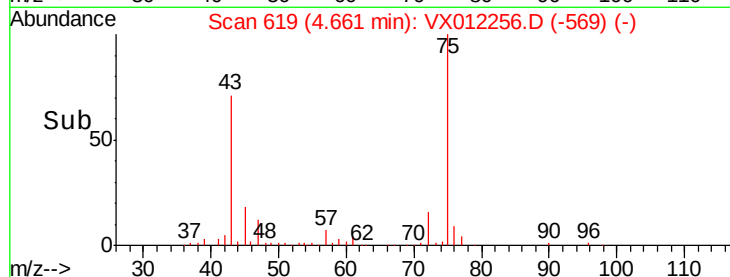
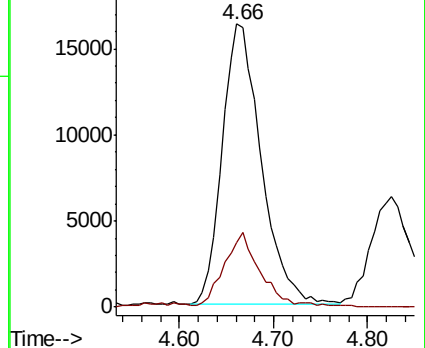
43 100

72 22.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.524 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012256.D

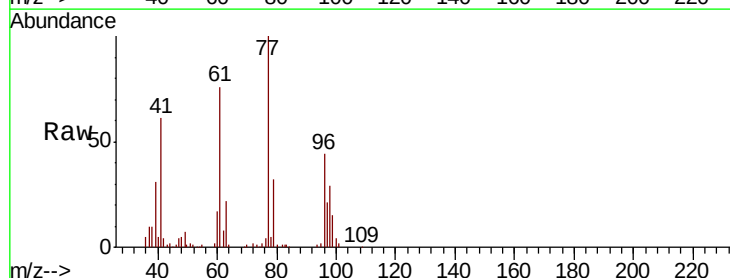
Acq: 10 Sep 2019 15:31

Tgt Ion: 77 Resp: 50803

Ion Ratio Lower Upper

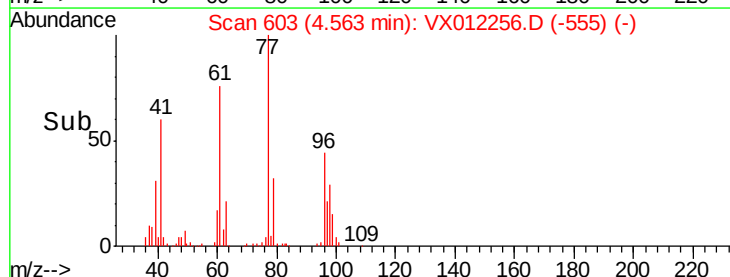
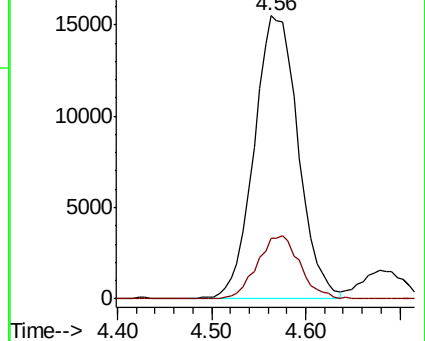
77 100

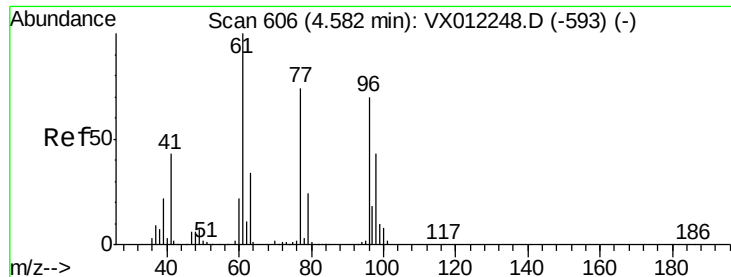
97 21.6 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



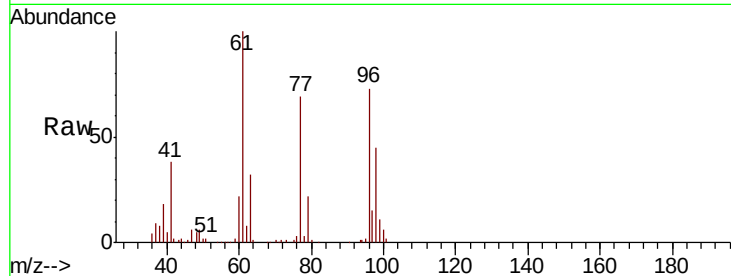


#27

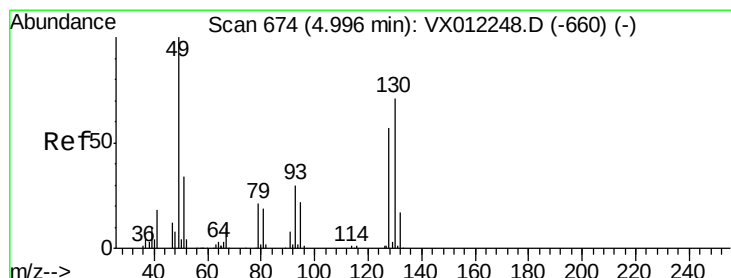
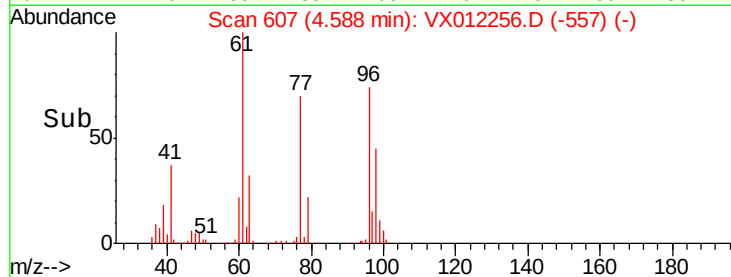
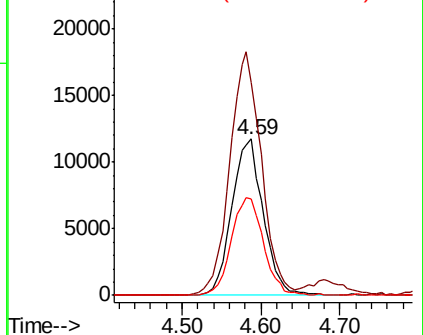
cis-1,2-Dichloroethene
 Concen: 20.046 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

Tgt Ion: 96 Resp: 32595
 Ion Ratio Lower Upper
 96 100
 61 156.1 0.0 310.4
 98 63.8 0.0 128.8



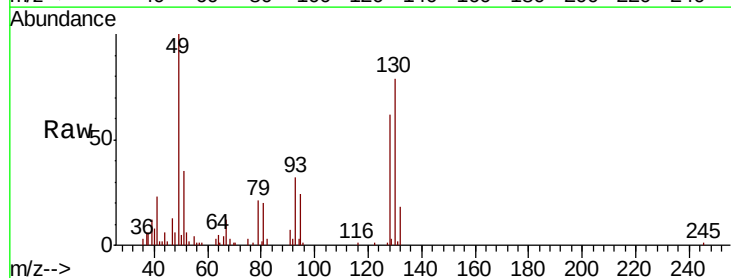
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



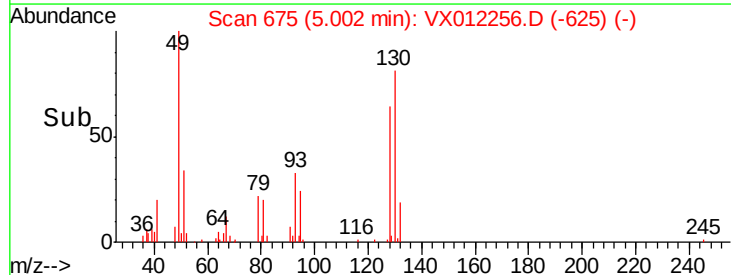
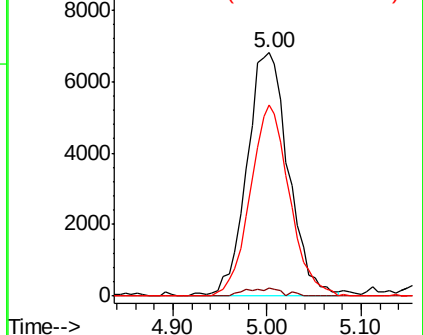
#28

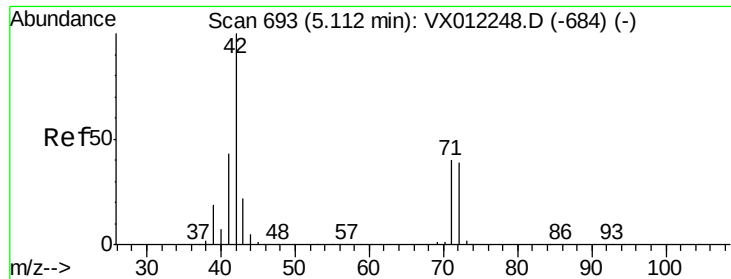
Bromochloromethane
 Concen: 17.015 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.01 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

Tgt Ion: 49 Resp: 21040
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.2
 130 74.2 60.1 90.1



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

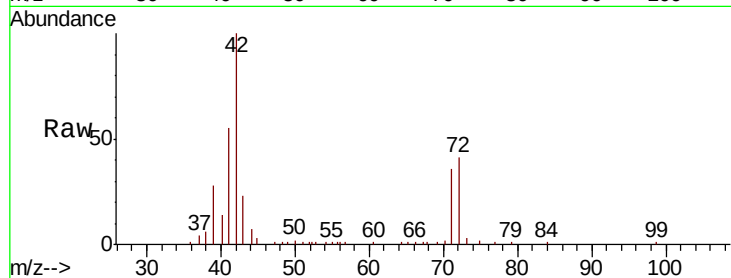




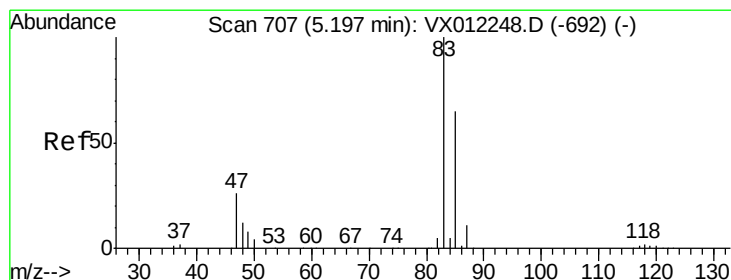
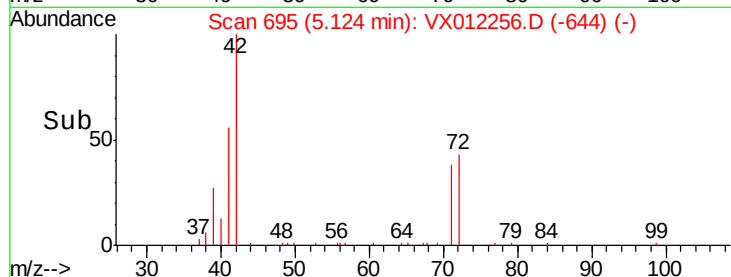
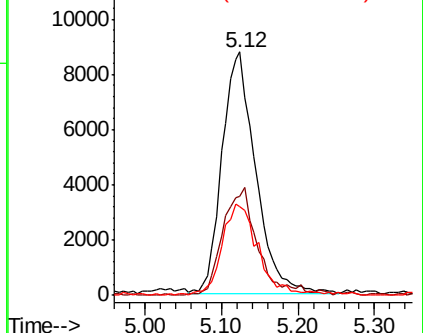
#29
Tetrahydrofuran
Concen: 82.413 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

Tgt Ion: 42 Resp: 26541
Ion Ratio Lower Upper
42 100
72 46.3 35.2 52.8
71 40.1 32.5 48.7

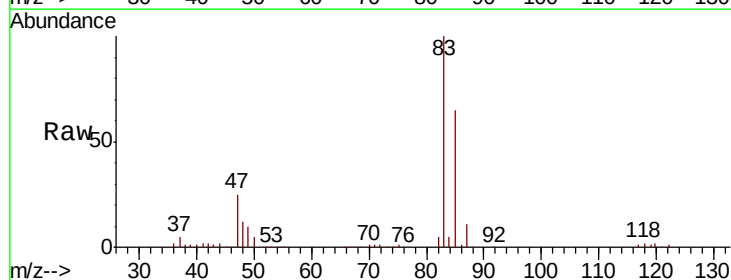


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

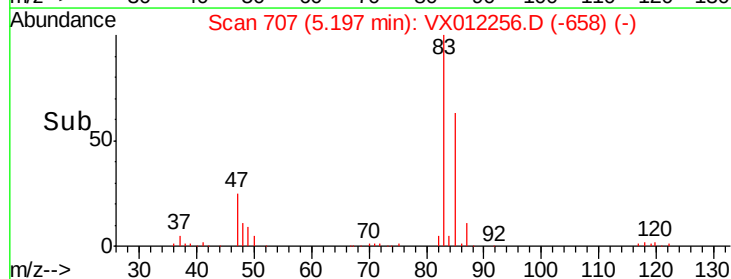
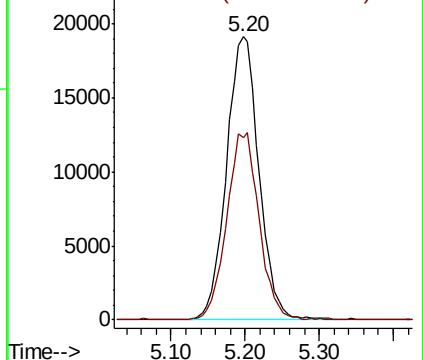


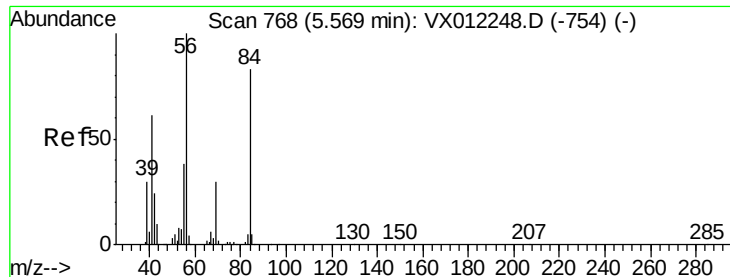
#30
Chloroform
Concen: 19.597 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Tgt Ion: 83 Resp: 58262
Ion Ratio Lower Upper
83 100
85 64.5 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

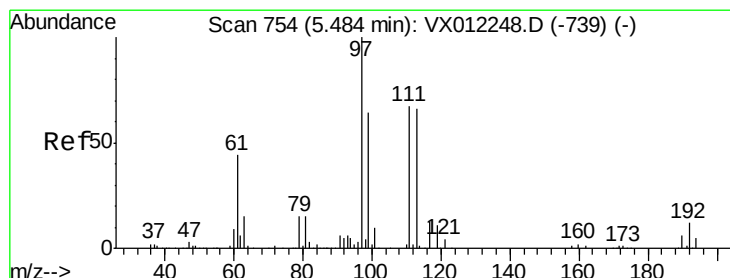
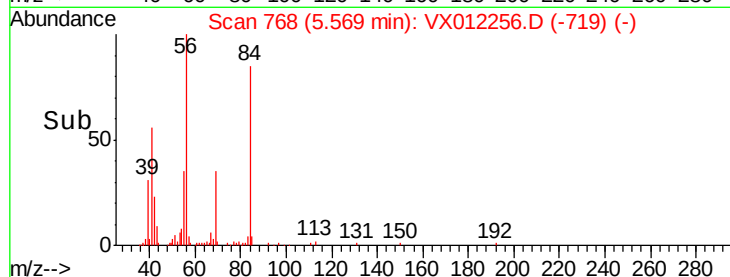
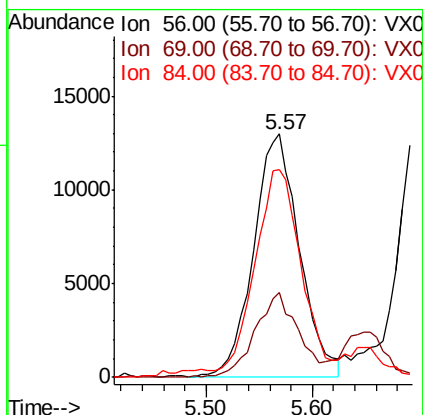
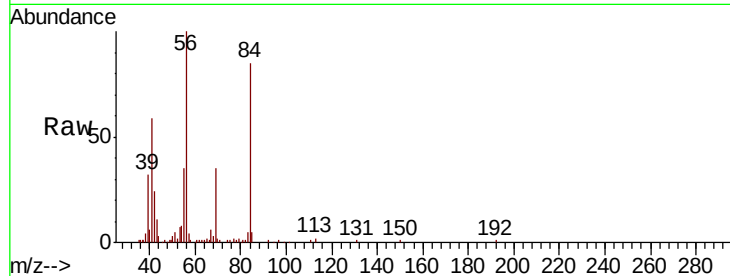




#31
Cyclohexane
Concen: 21.310 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

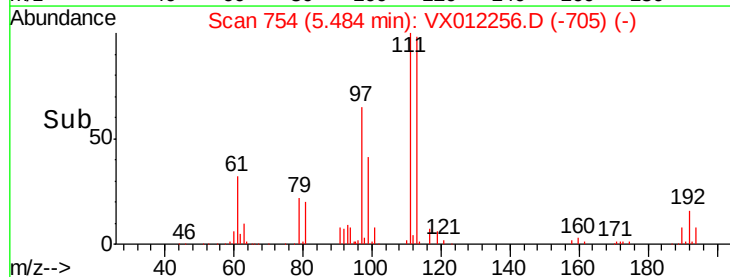
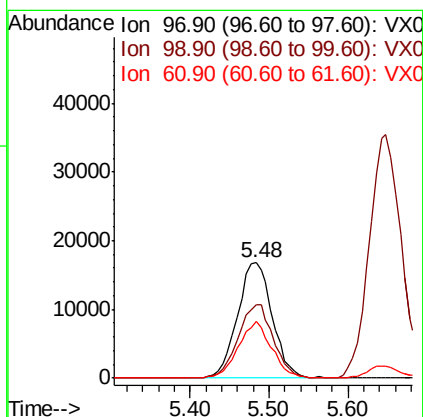
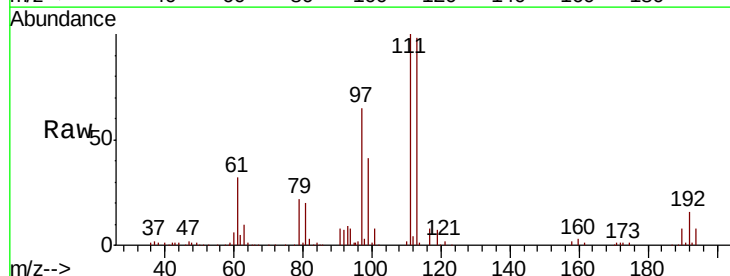
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

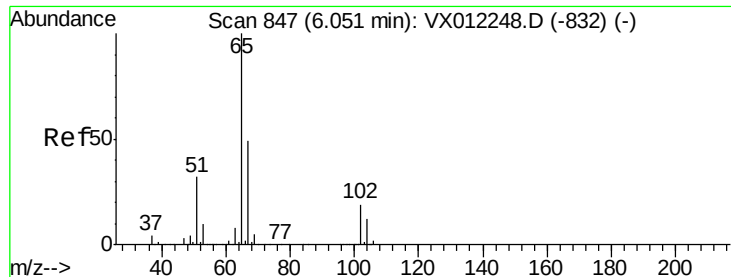
Tgt Ion: 56 Resp: 39029
Ion Ratio Lower Upper
56 100
69 34.8 23.8 35.6
84 82.6 66.6 100.0



#32
1,1,1-Trichloroethane
Concen: 20.231 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Tgt Ion: 97 Resp: 51647
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 46.5 35.4 53.0

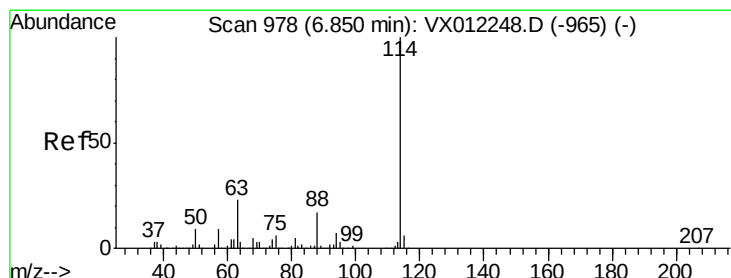
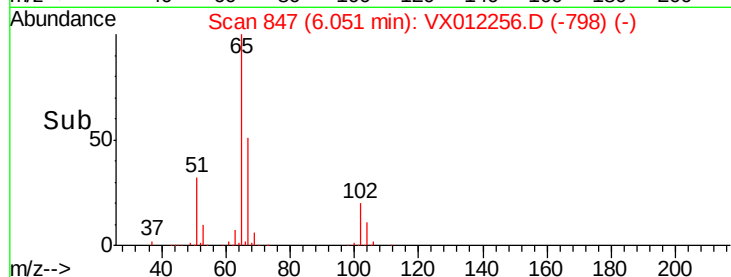
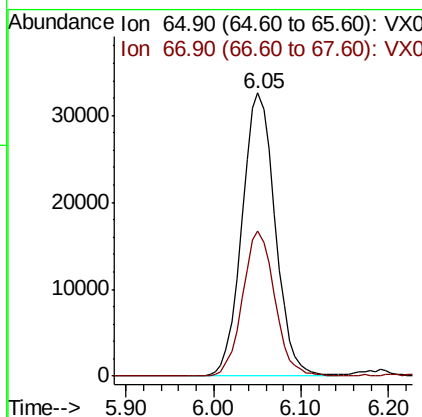
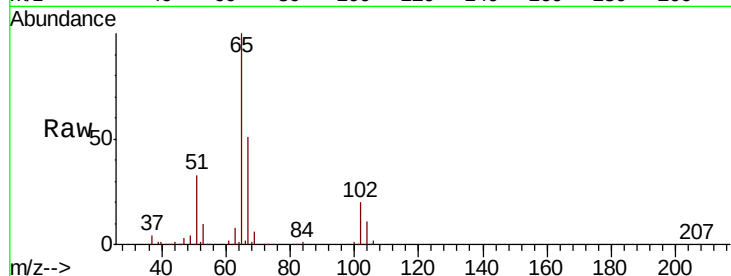




#33
 1,2-Dichloroethane-d4
 Concen: 43.555 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

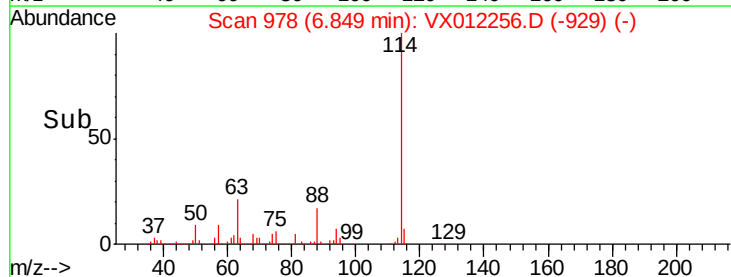
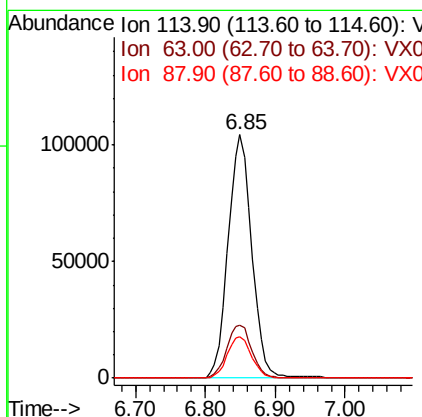
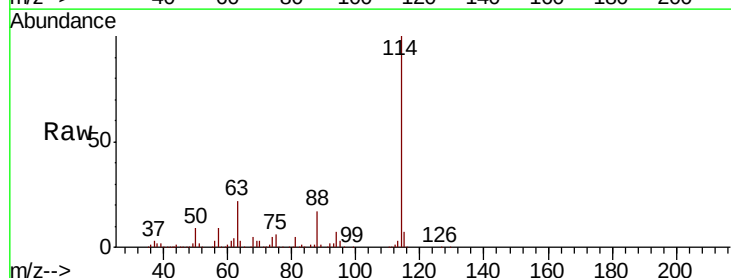
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

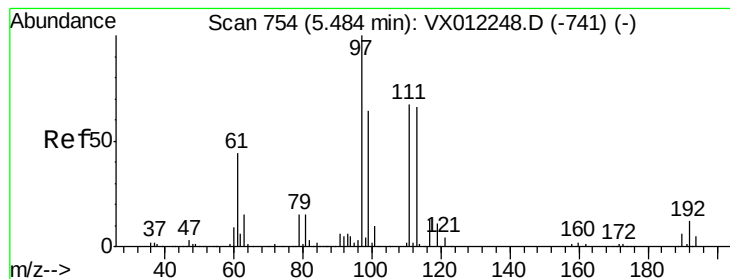
Tgt Ion: 65 Resp: 85908
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

Tgt Ion: 114 Resp: 245668
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.2
 88 17.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 44.853 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

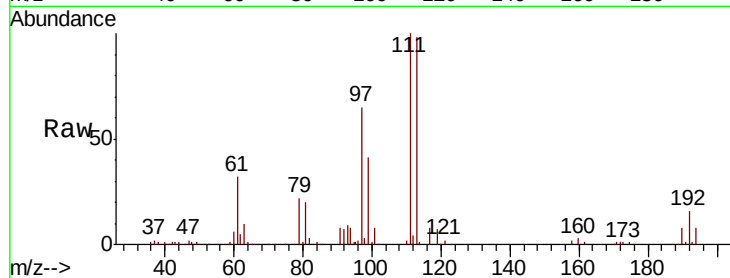
Tgt Ion:113 Resp: 70636

Ion Ratio Lower Upper

113 100

111 104.3 83.0 124.6

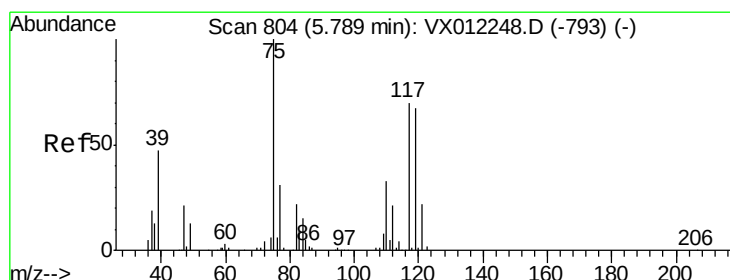
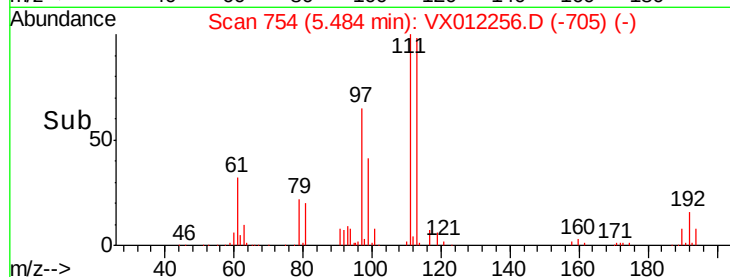
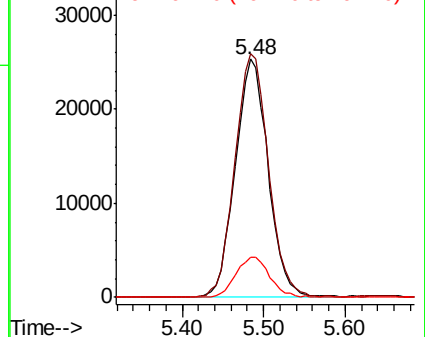
192 17.5 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.814 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

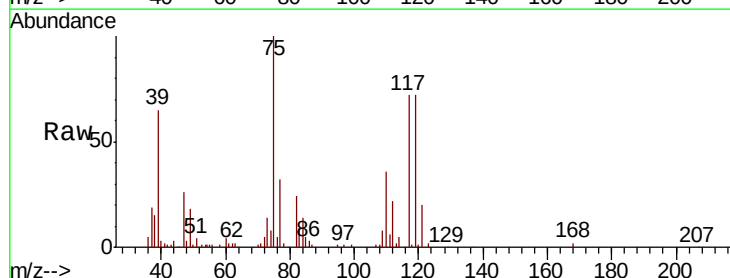
Tgt Ion: 75 Resp: 39076

Ion Ratio Lower Upper

75 100

110 35.0 16.8 50.4

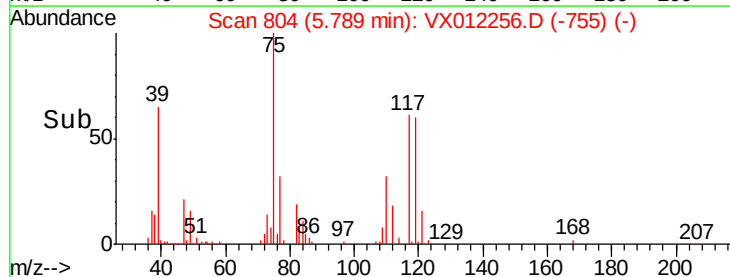
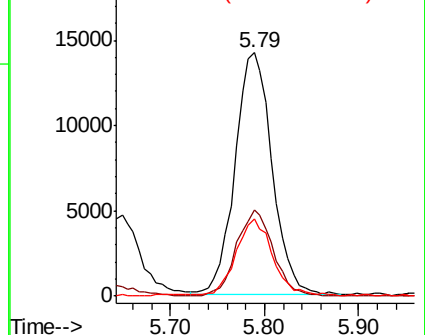
77 30.7 24.5 36.7

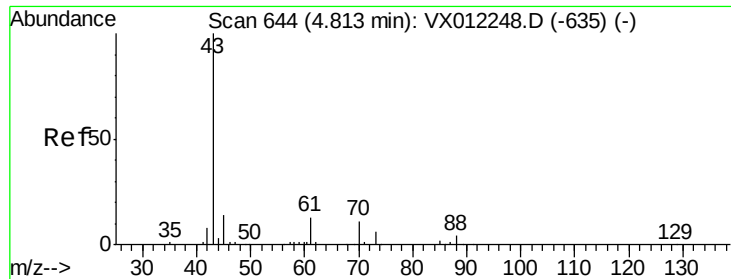


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

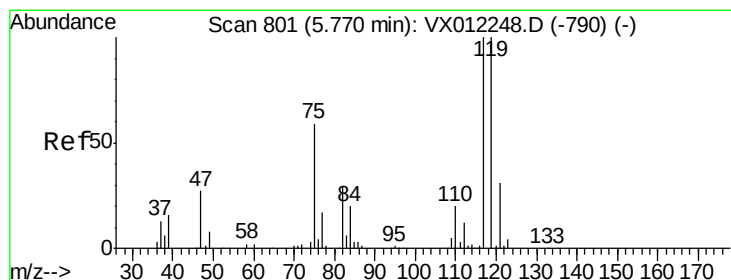
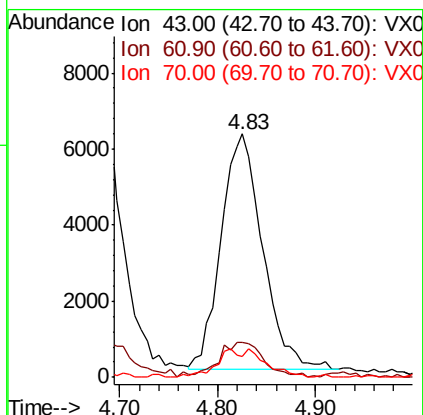
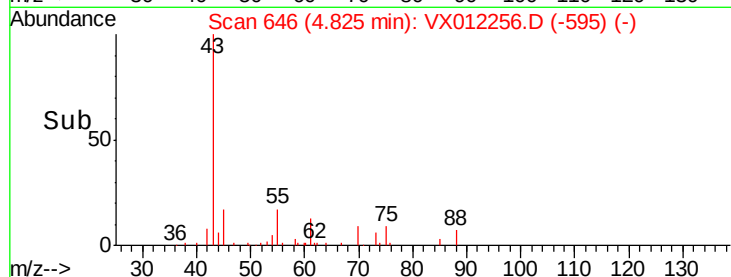
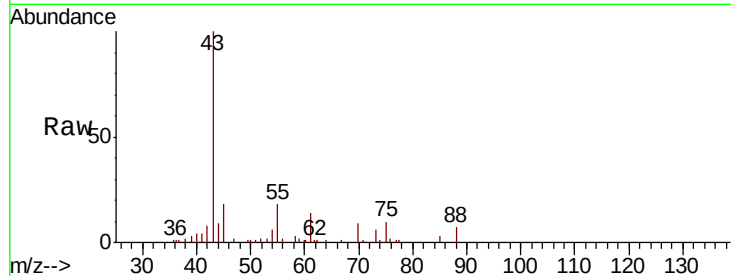




#37
Ethyl Acetate
Concen: 16.412 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

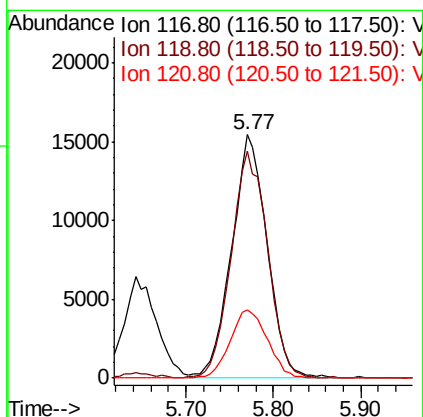
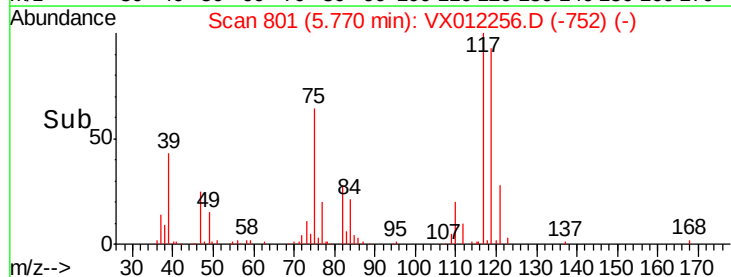
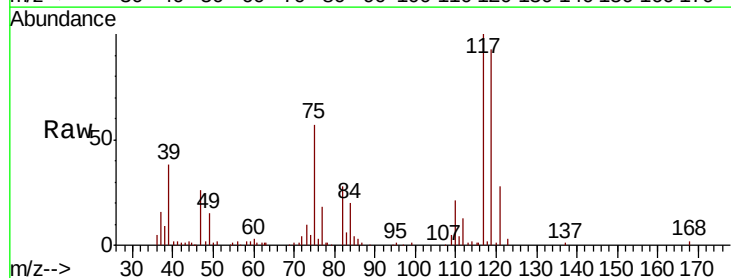
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

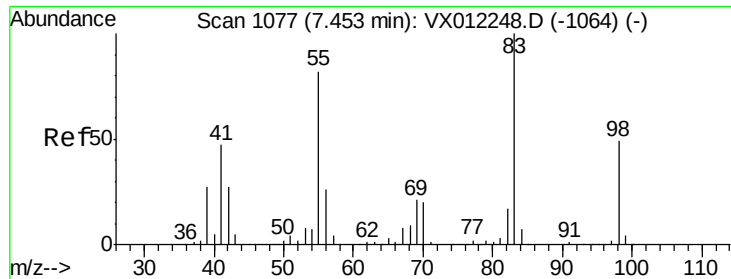
Tgt Ion: 43 Resp: 18173
Ion Ratio Lower Upper
43 100
61 16.3 10.3 15.5#
70 7.5 9.1 13.7#



#38
Carbon Tetrachloride
Concen: 20.707 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Tgt Ion: 117 Resp: 43519
Ion Ratio Lower Upper
117 100
119 92.8 79.6 119.4
121 27.9 24.7 37.1

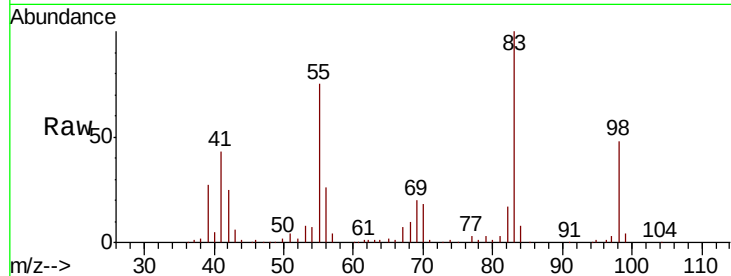




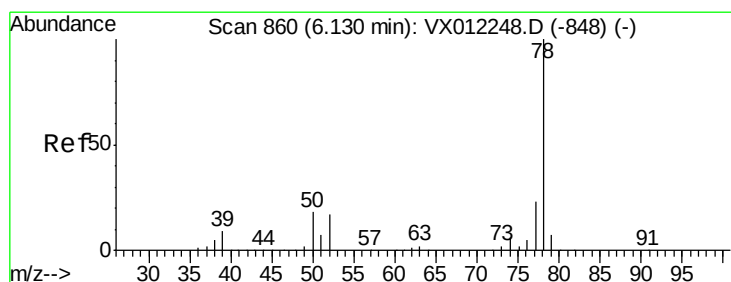
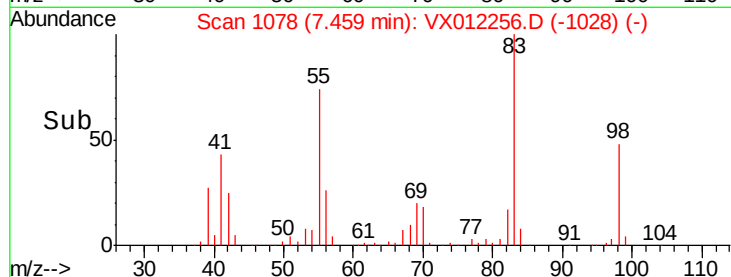
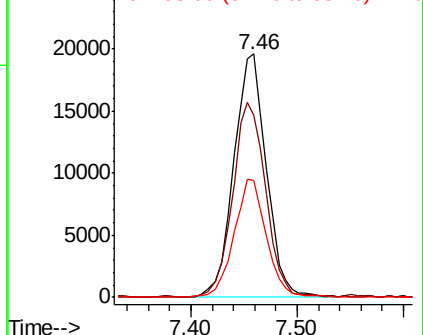
#39
Methylcyclohexane
Concen: 21.437 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

Tgt Ion: 83 Resp: 42143
Ion Ratio Lower Upper
83 100
55 74.6 65.4 98.2
98 48.0 39.6 59.4

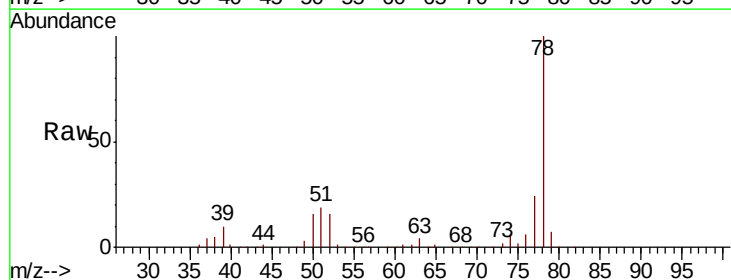


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

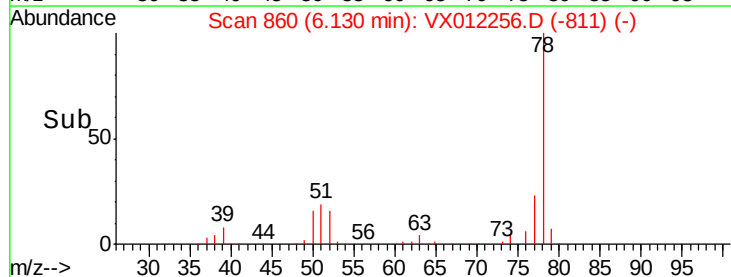
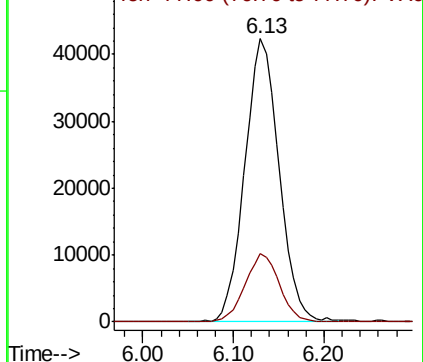


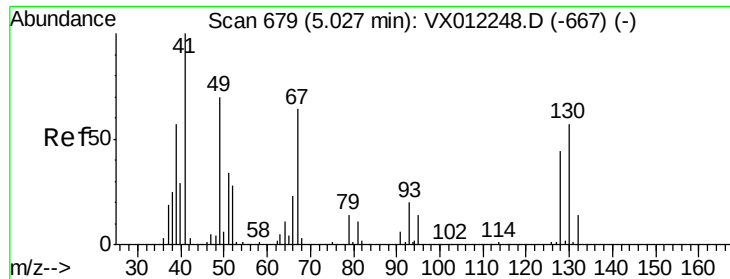
#40
Benzene
Concen: 20.470 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Tgt Ion: 78 Resp: 110979
Ion Ratio Lower Upper
78 100
77 24.2 18.0 27.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

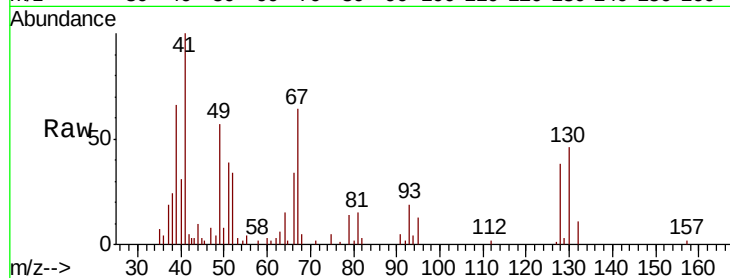




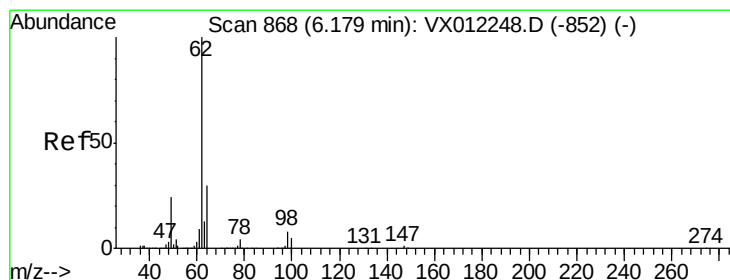
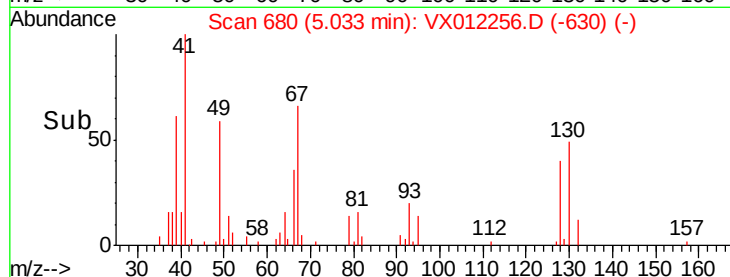
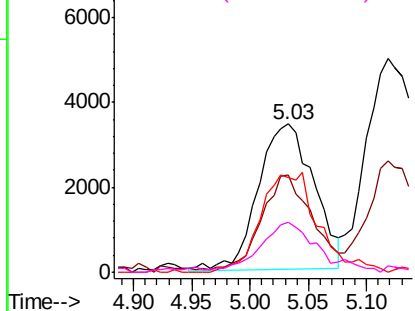
#41
Methacrylonitrile
Concen: 16.654 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

Tgt Ion:	41	Resp:	11369
Ion	Ratio	Lower	Upper
41	100		
39	57.1	49.0	73.4
67	70.0	55.0	82.4
52	35.3	25.4	38.0

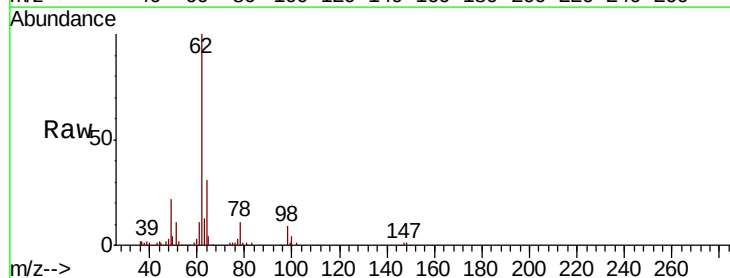


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

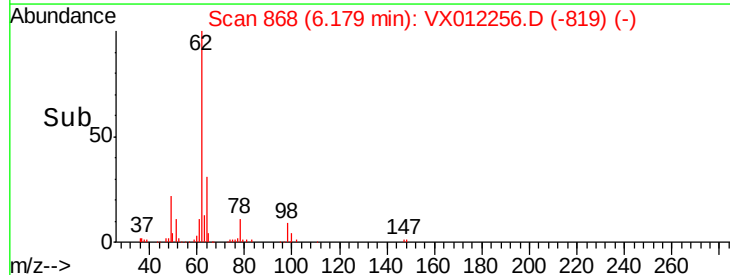
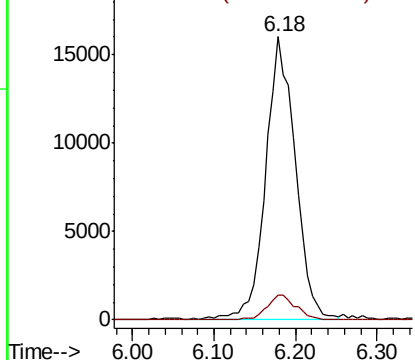


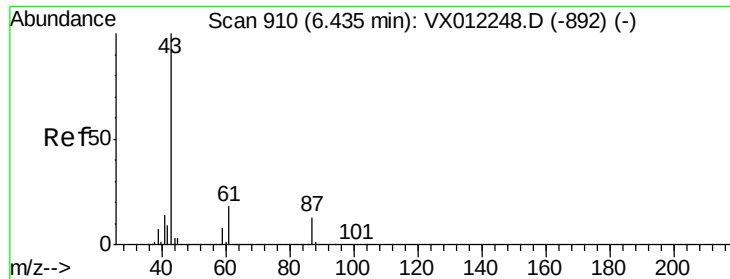
#42
1,2-Dichloroethane
Concen: 18.621 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Tgt Ion:	62	Resp:	39901
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

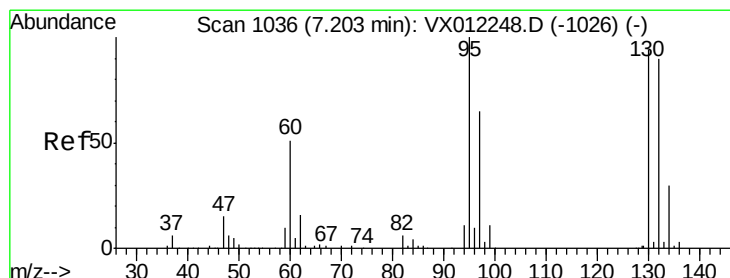
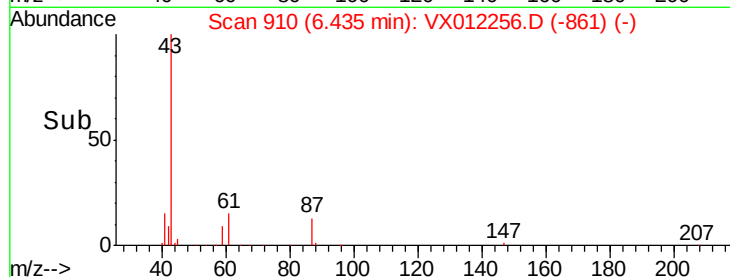
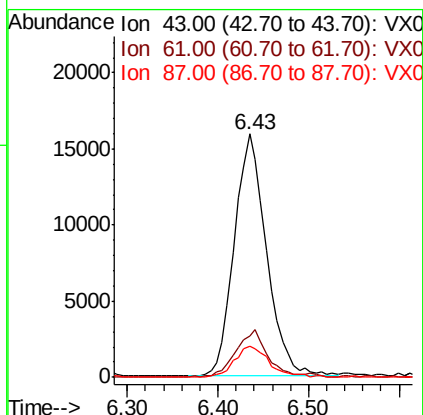
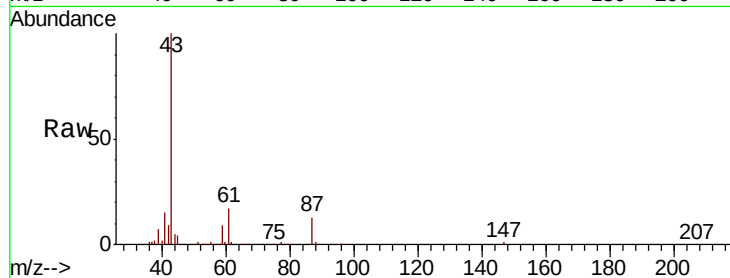




#43
Isopropyl Acetate
Concen: 16.796 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

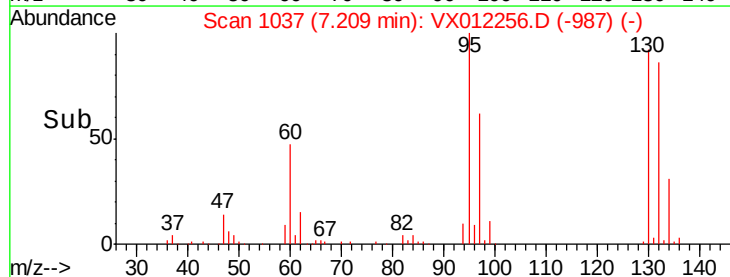
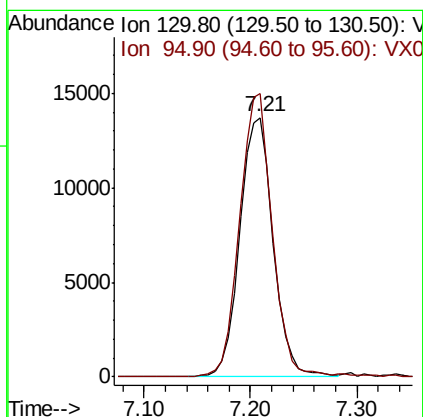
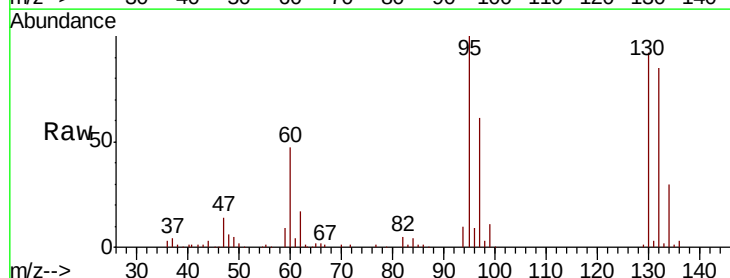
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

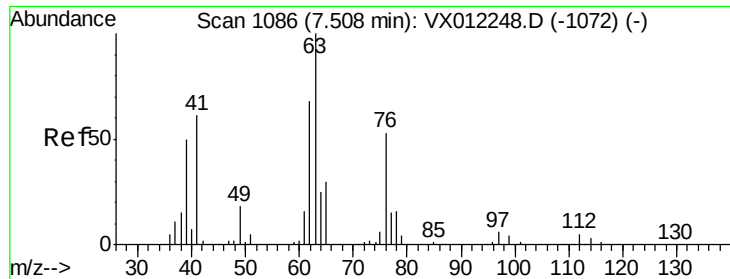
Tgt Ion: 43 Resp: 39212
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.2
87 13.8 10.5 15.7



#44
Trichloroethene
Concen: 20.582 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Tgt Ion: 130 Resp: 30198
Ion Ratio Lower Upper
130 100
95 109.1 0.0 212.0

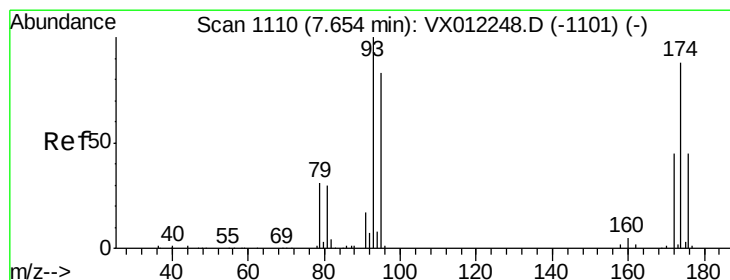
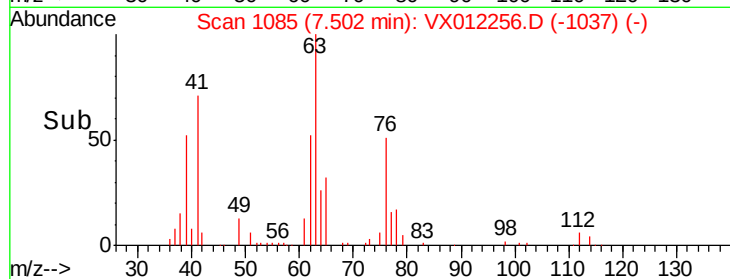
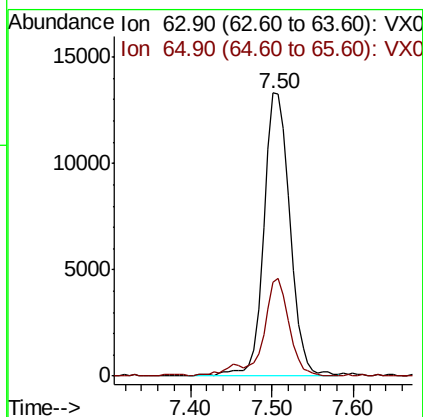
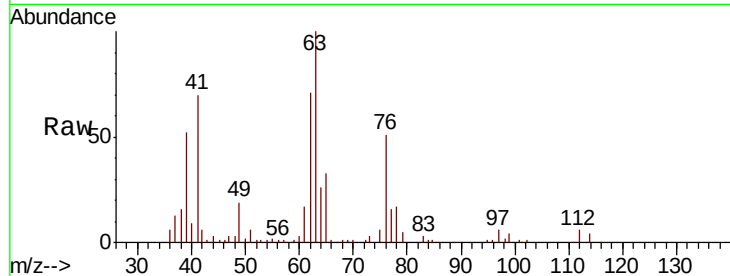




#45
1,2-Dichloropropane
Concen: 19.801 ug/l
RT: 7.50 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

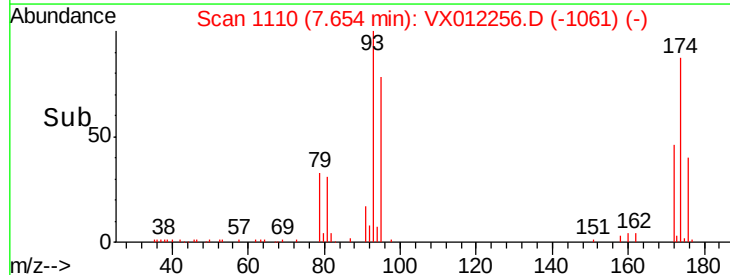
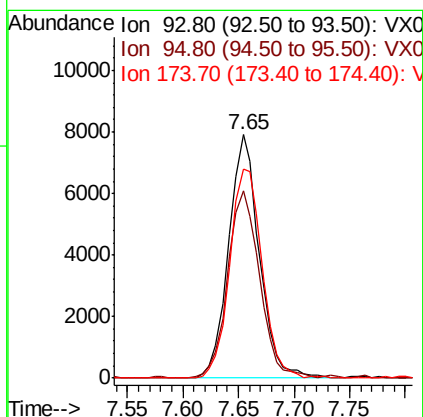
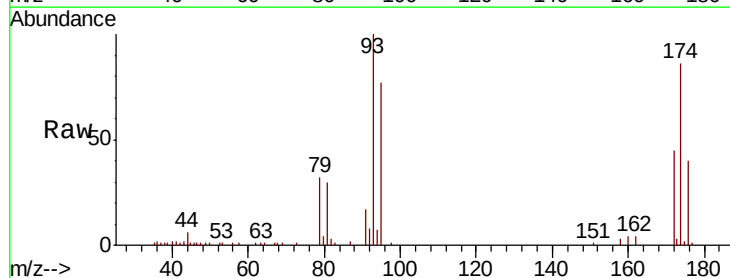
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

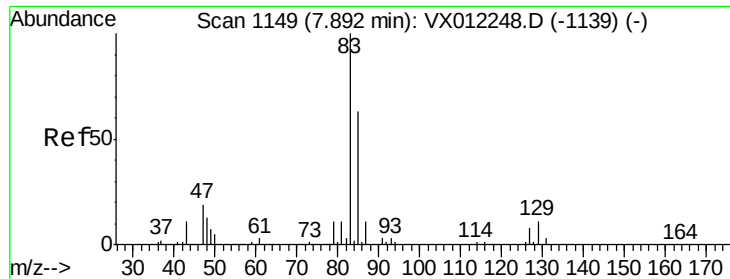
Tgt Ion: 63 Resp: 29715
Ion Ratio Lower Upper
63 100
65 33.3 24.3 36.5



#46
Dibromomethane
Concen: 18.414 ug/l
RT: 7.65 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Tgt Ion: 93 Resp: 15103
Ion Ratio Lower Upper
93 100
95 80.2 65.7 98.5
174 90.7 71.0 106.4





#47

Bromodichloromethane

Concen: 18.604 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

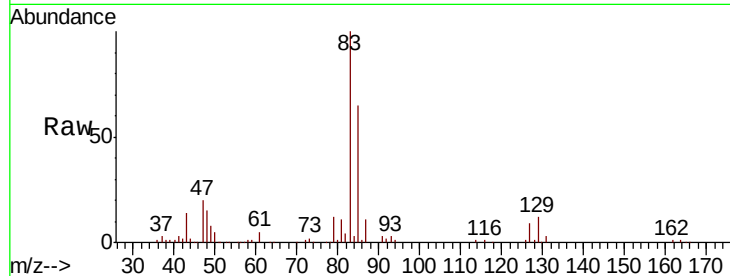
Tgt Ion: 83 Resp: 41640

Ion Ratio Lower Upper

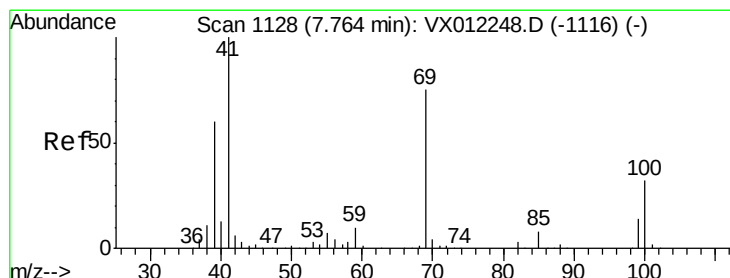
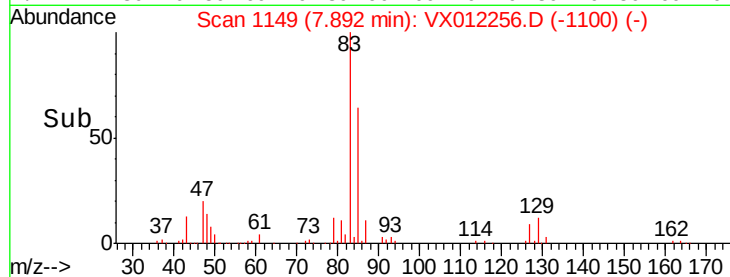
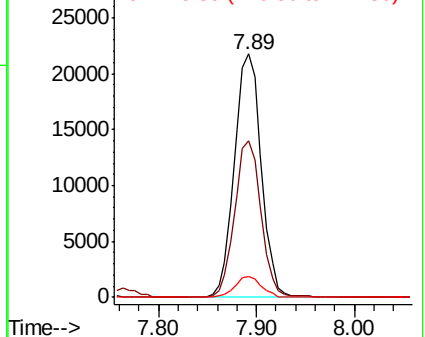
83 100

85 64.5 50.2 75.4

127 8.8 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.599 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

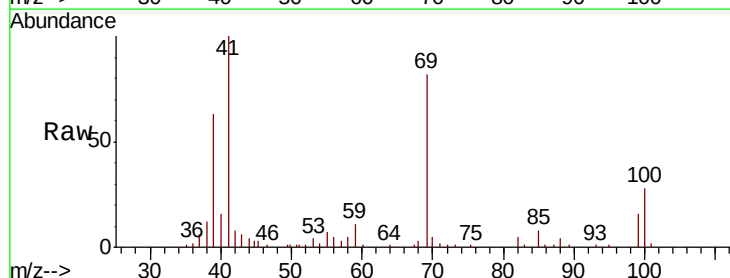
Tgt Ion: 41 Resp: 18549

Ion Ratio Lower Upper

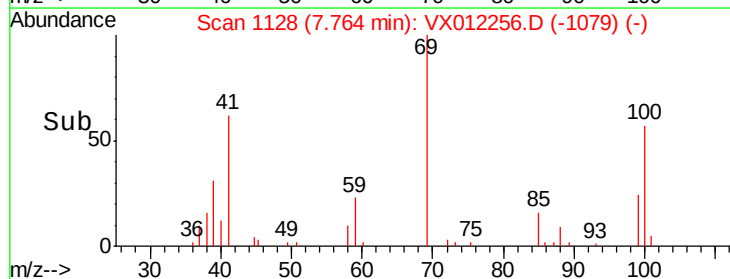
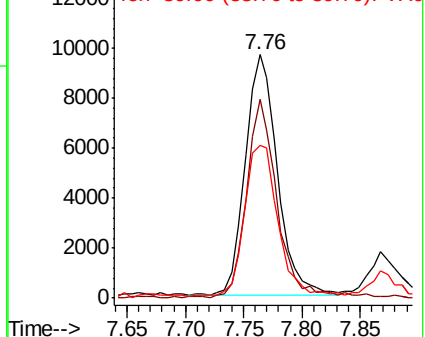
41 100

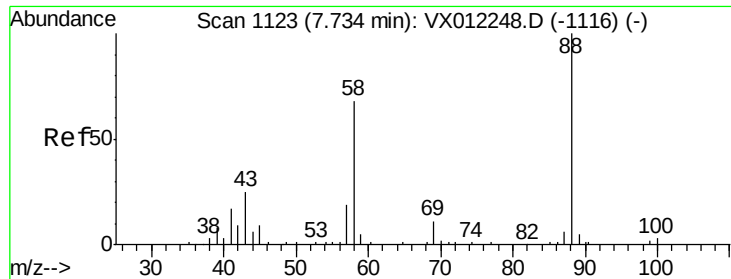
69 80.2 61.8 92.6

39 66.0 48.6 73.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

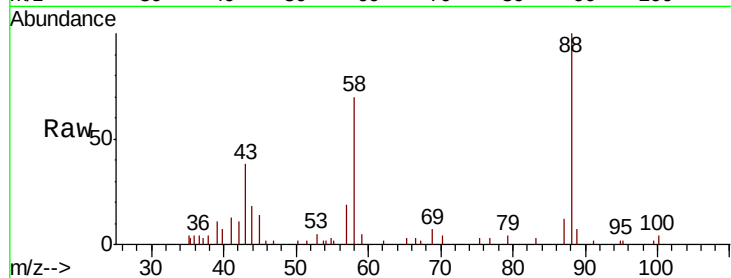




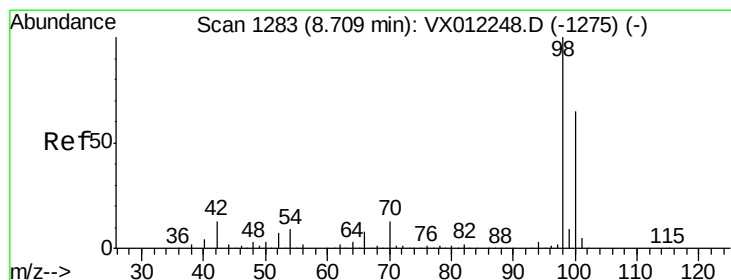
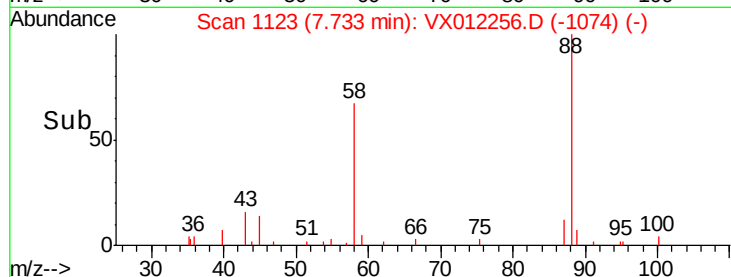
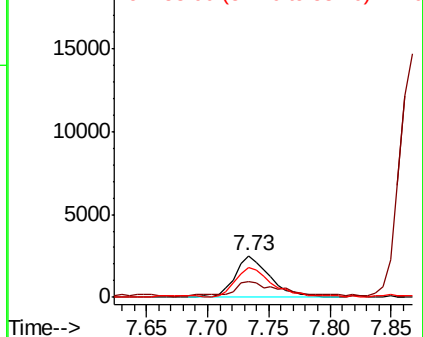
#49
1,4-Dioxane
Concen: 325.220 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

Tgt Ion: 88 Resp: 4904
Ion Ratio Lower Upper
88 100
43 44.0 31.0 46.4
58 70.2 61.5 92.3

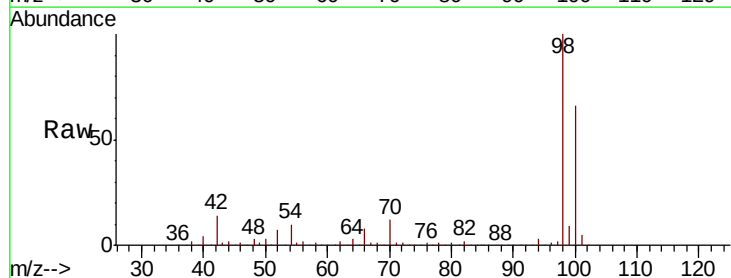


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

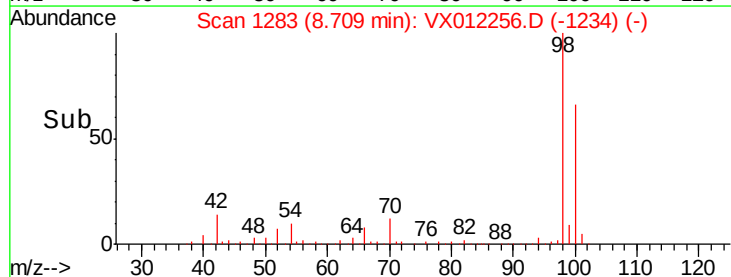
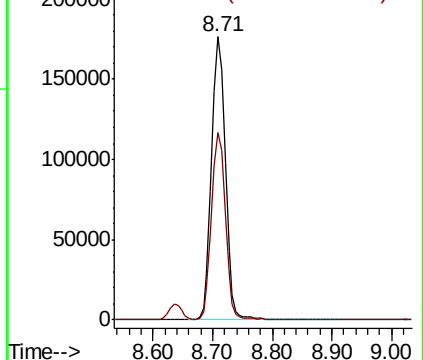


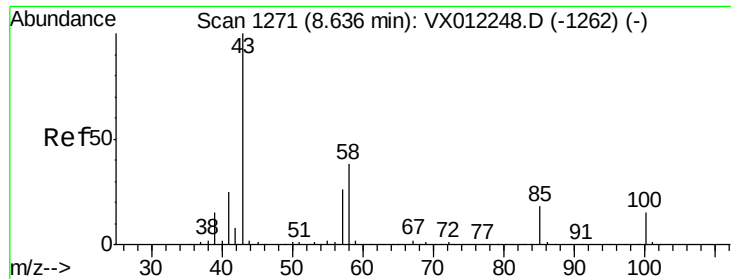
#50
Toluene-d8
Concen: 51.038 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Tgt Ion: 98 Resp: 281908
Ion Ratio Lower Upper
98 100
100 66.4 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 81.362 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

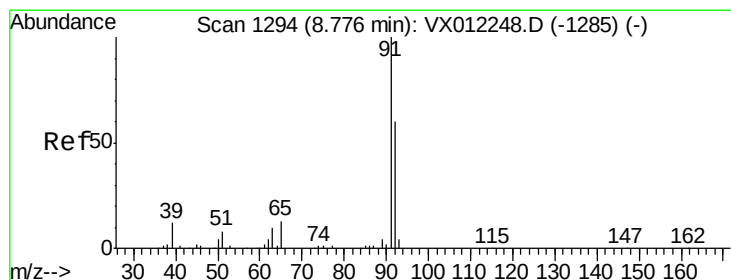
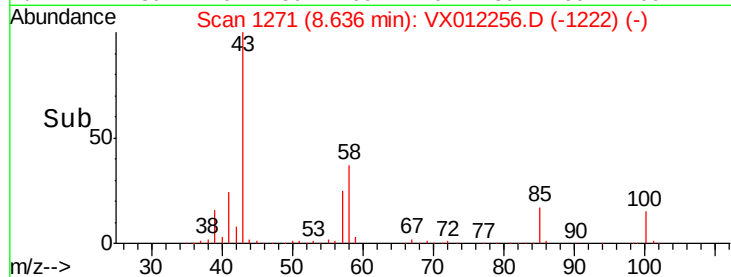
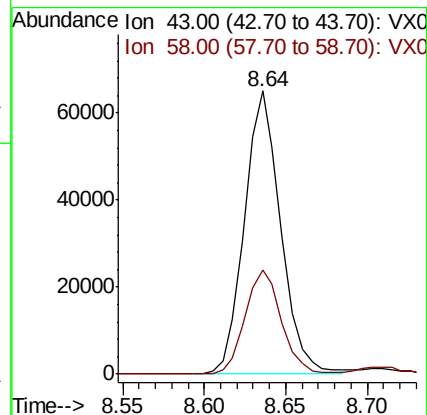
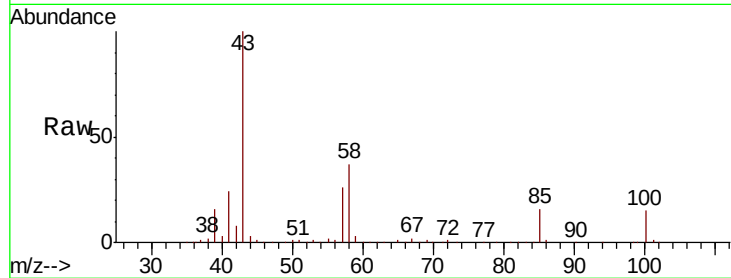
VX0910SBS02

Tgt Ion: 43 Resp: 100250

Ion Ratio Lower Upper

43 100

58 36.9 30.1 45.1



#52

Toluene

Concen: 20.426 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012256.D

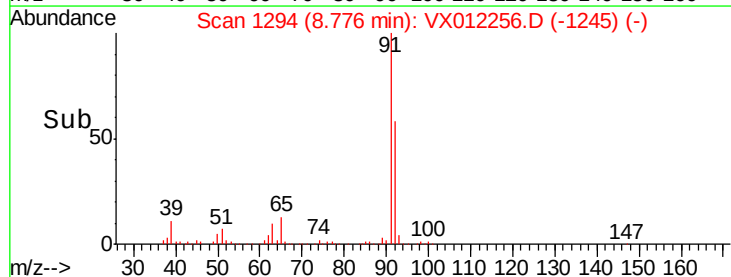
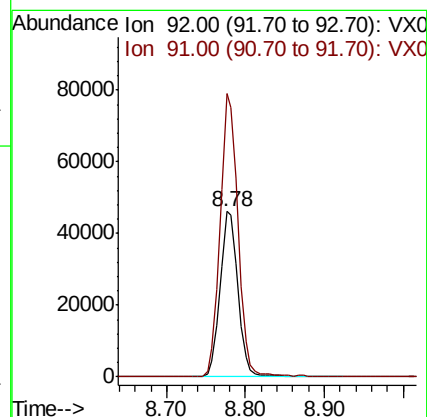
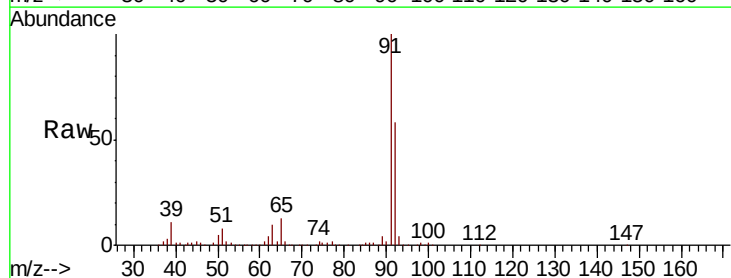
Acq: 10 Sep 2019 15:31

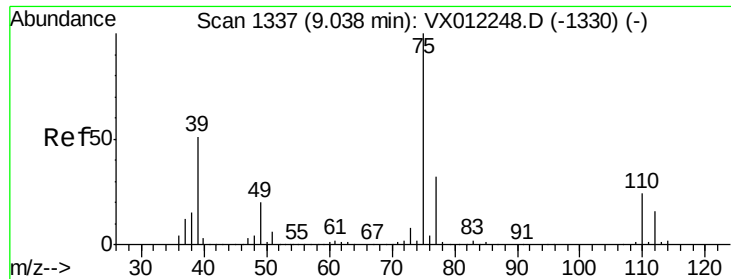
Tgt Ion: 92 Resp: 73146

Ion Ratio Lower Upper

92 100

91 171.1 133.6 200.4





#53

t-1,3-Dichloropropene

Concen: 17.969 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

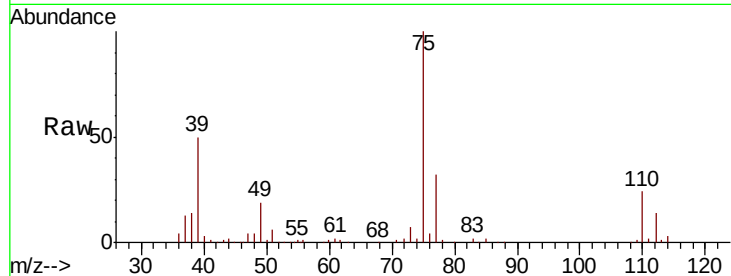
VX0910SBS02

Tgt Ion: 75 Resp: 40142

Ion Ratio Lower Upper

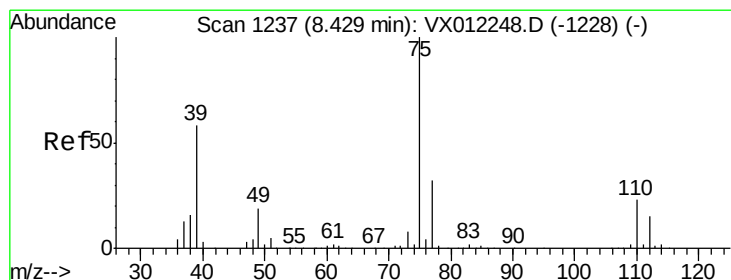
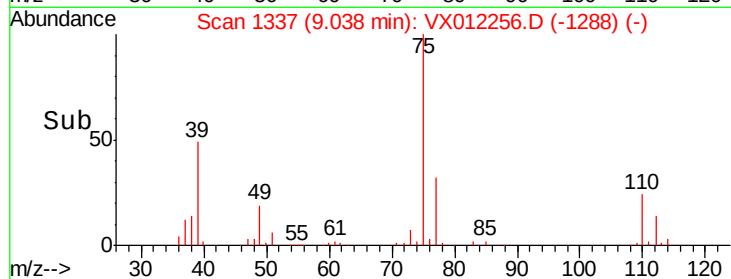
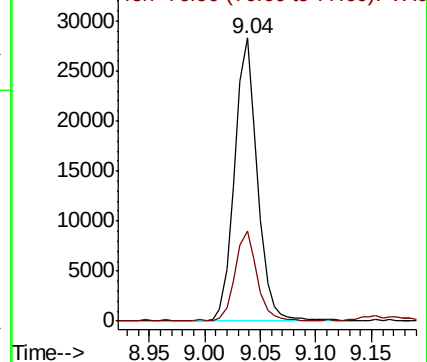
75 100

77 31.7 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.051 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

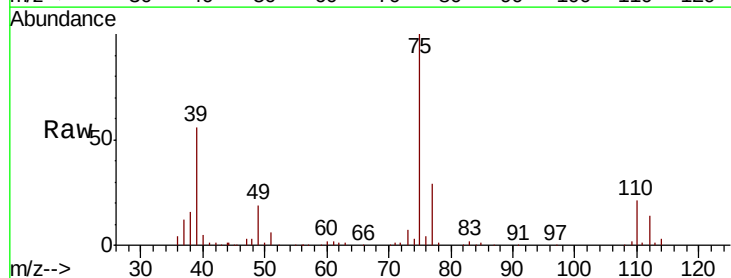
Tgt Ion: 75 Resp: 47194

Ion Ratio Lower Upper

75 100

77 28.7 25.4 38.2

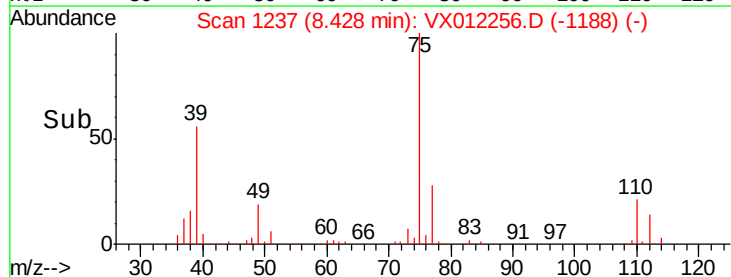
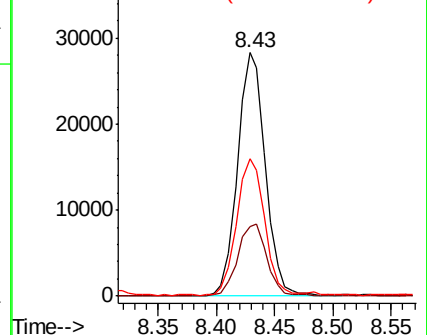
39 56.0 46.5 69.7

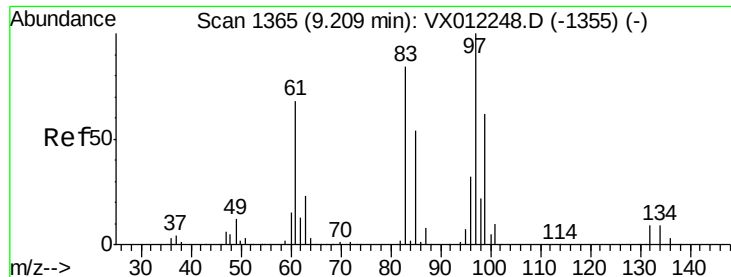


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

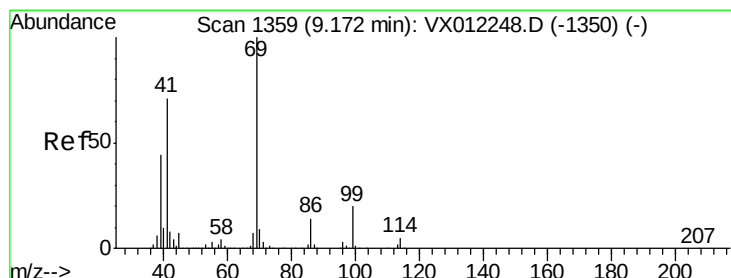
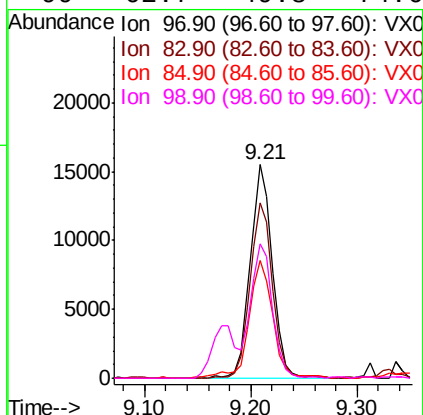
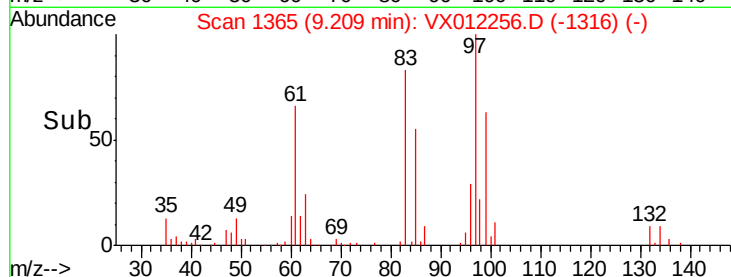
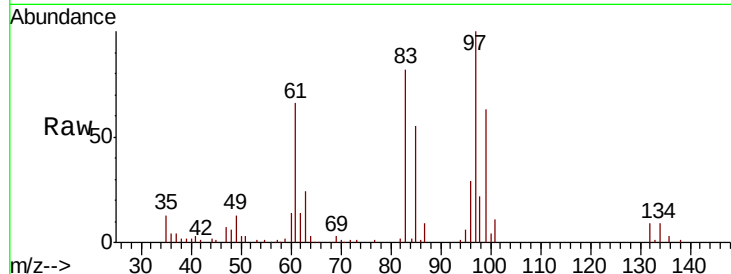




#55
 1,1,2-Trichloroethane
 Concen: 17.880 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

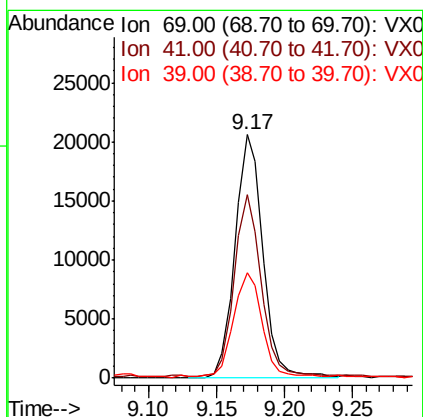
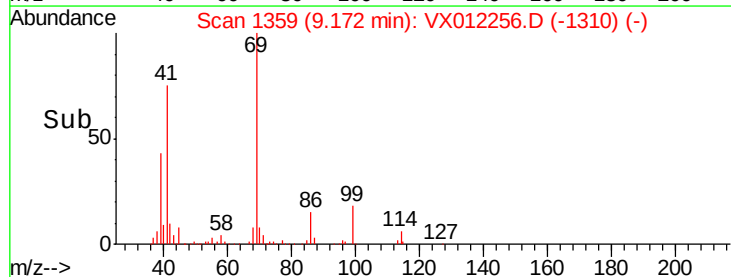
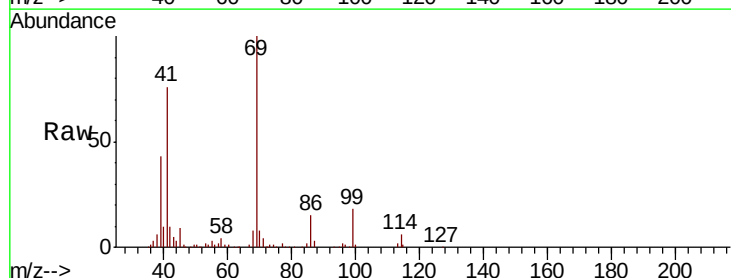
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

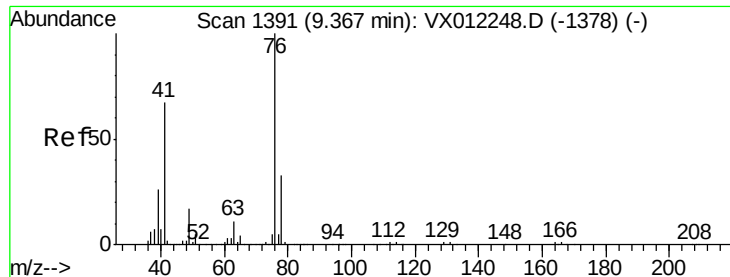
Tgt Ion: 97 Resp: 22720
 Ion Ratio Lower Upper
 97 100
 83 82.3 67.4 101.2
 85 55.2 43.4 65.2
 99 62.7 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 17.115 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

Tgt Ion: 69 Resp: 29446
 Ion Ratio Lower Upper
 69 100
 41 73.1 57.7 86.5
 39 44.7 34.0 51.0

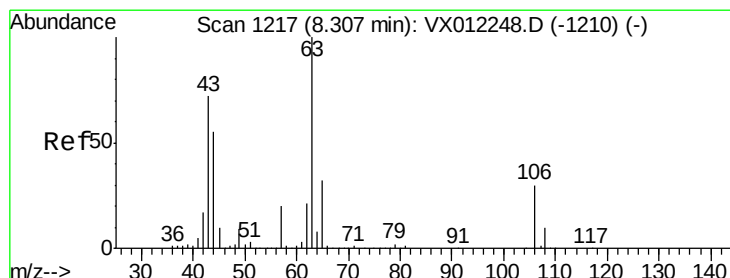
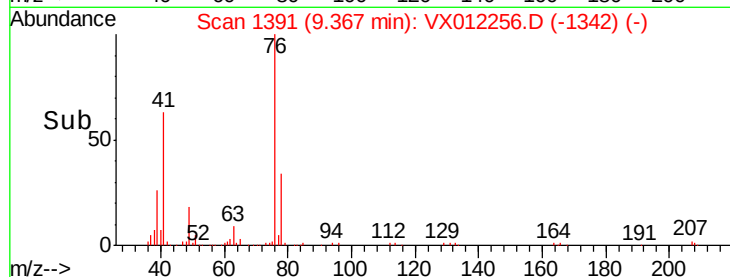
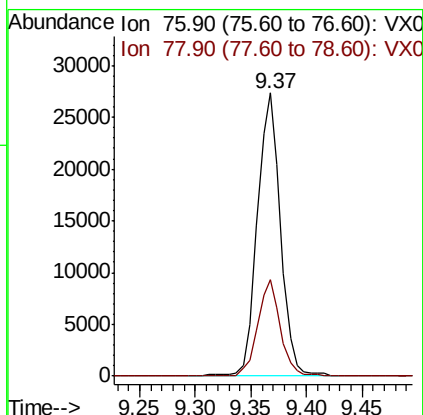
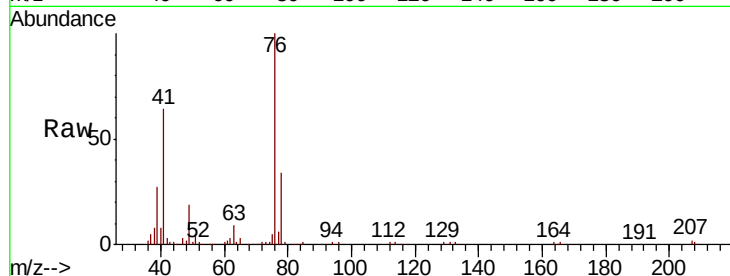




#57
 1,3-Dichloropropane
 Concen: 18.334 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

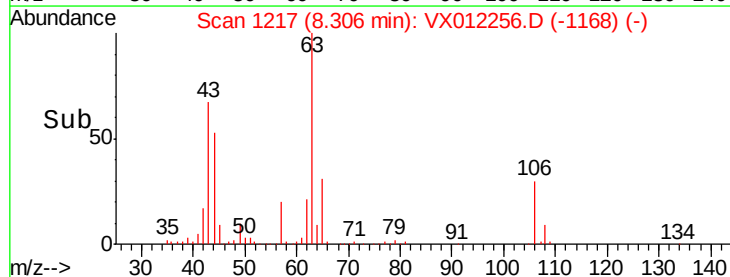
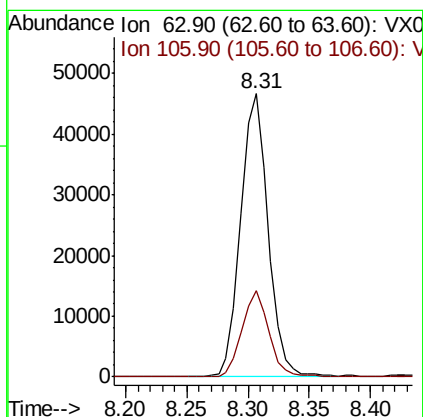
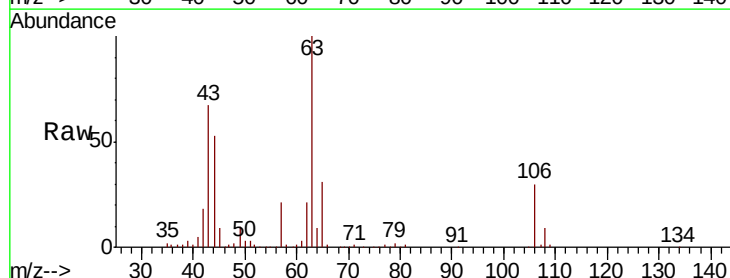
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

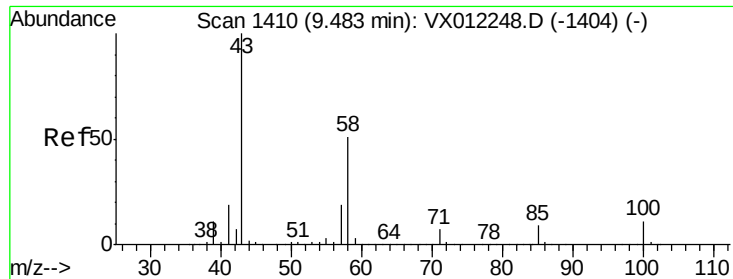
Tgt Ion: 76 Resp: 39788
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.020 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

Tgt Ion: 63 Resp: 72324
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.4 35.2

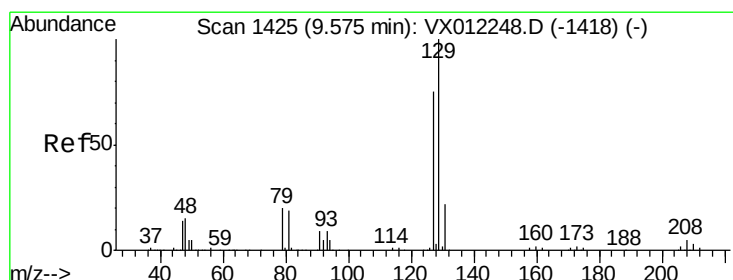
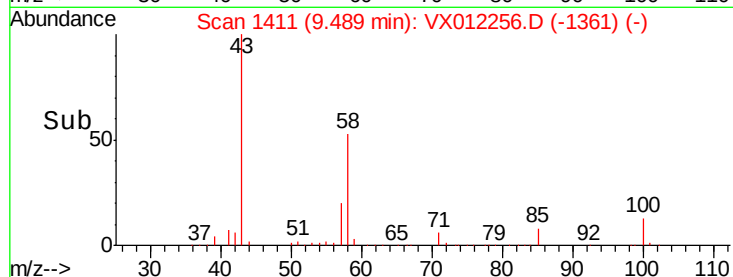
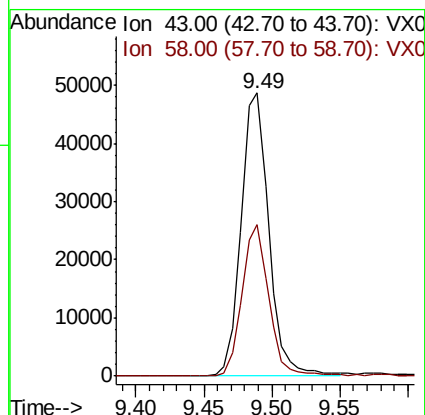
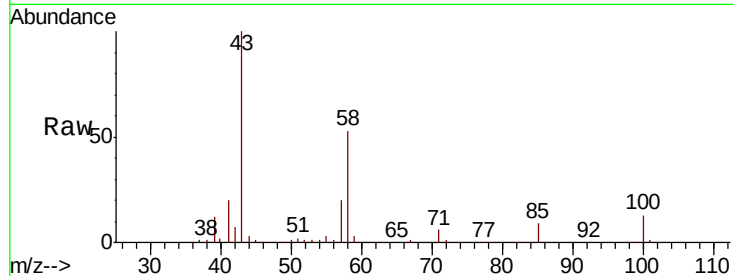




#59
2-Hexanone
Concen: 80.099 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

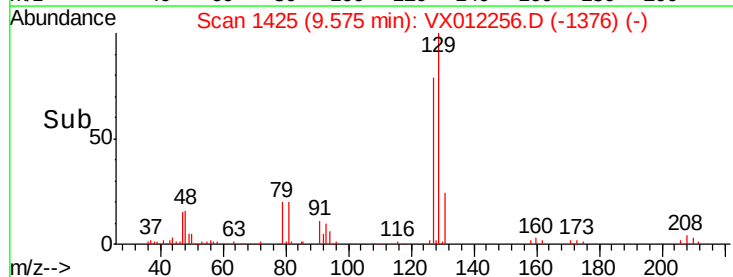
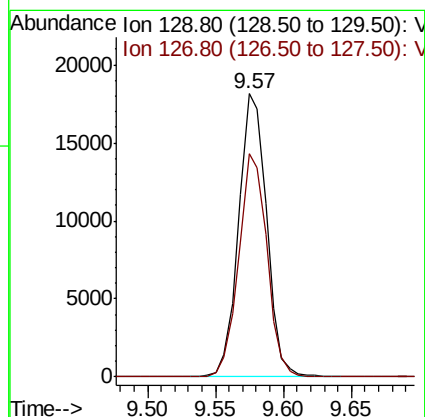
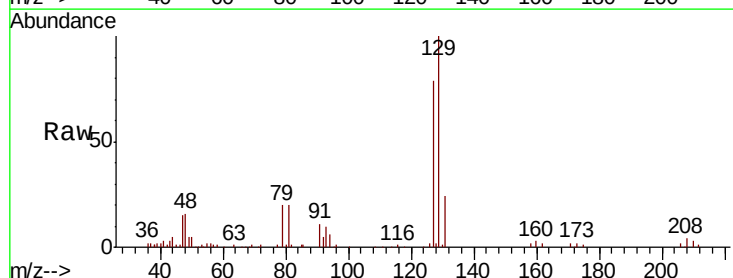
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

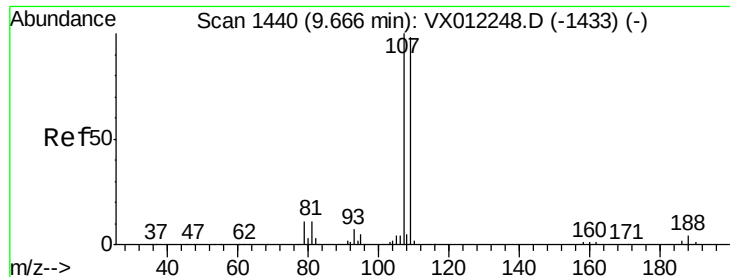
Tgt Ion: 43 Resp: 68622
Ion Ratio Lower Upper
43 100
58 52.2 25.8 77.3



#60
Dibromochloromethane
Concen: 17.543 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Tgt Ion: 129 Resp: 26023
Ion Ratio Lower Upper
129 100
127 79.2 38.1 114.3





#61

1,2-Dibromoethane

Concen: 17.374 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

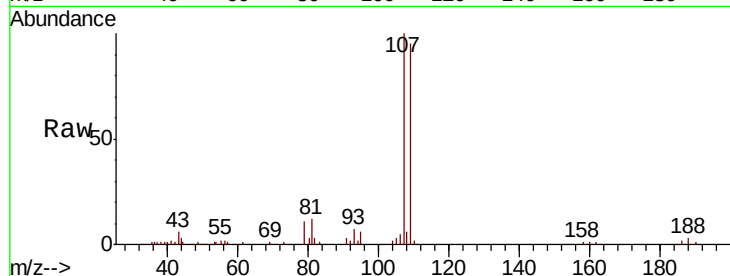
VX0910SBS02

Tgt Ion: 107 Resp: 20550

Ion Ratio Lower Upper

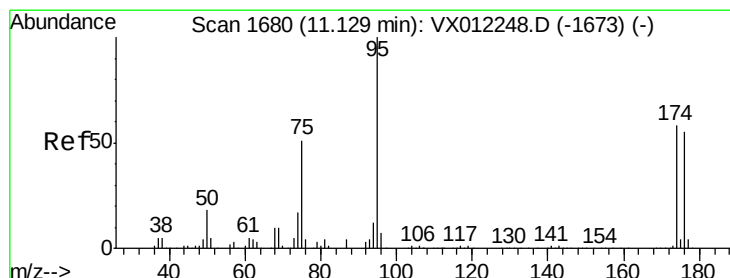
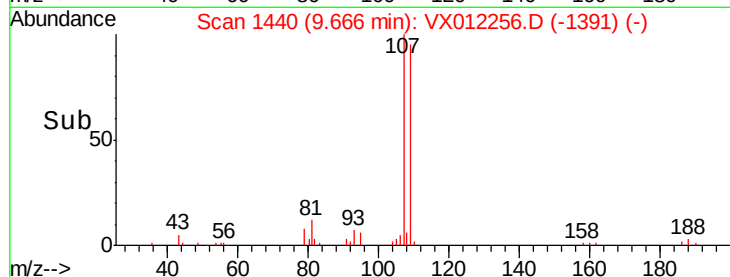
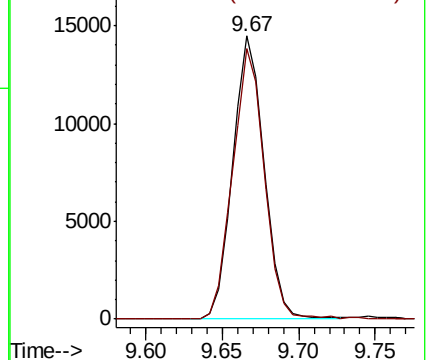
107 100

109 96.6 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.245 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

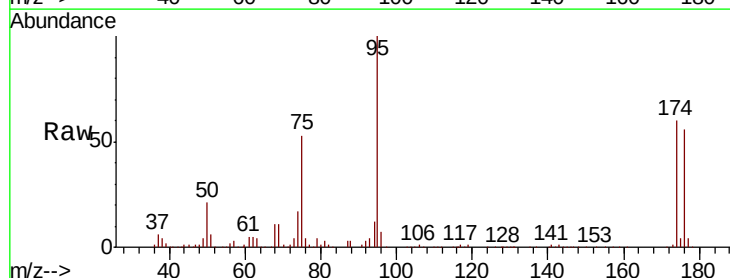
Tgt Ion: 95 Resp: 113299

Ion Ratio Lower Upper

95 100

174 66.7 0.0 127.0

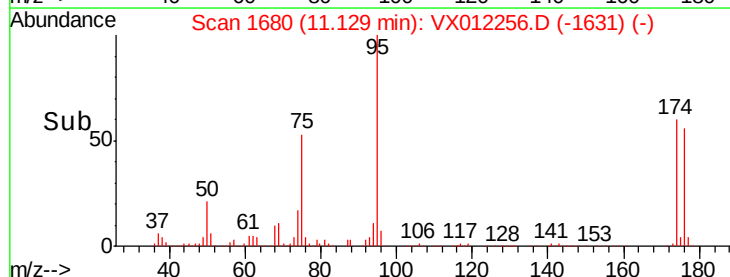
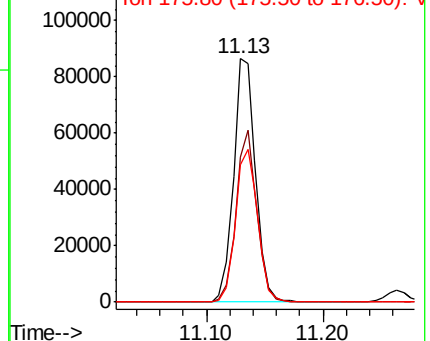
176 63.2 0.0 125.8

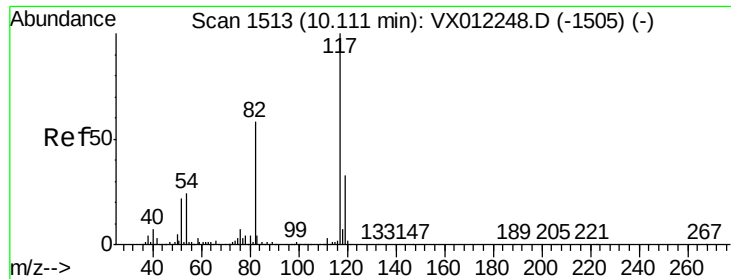


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

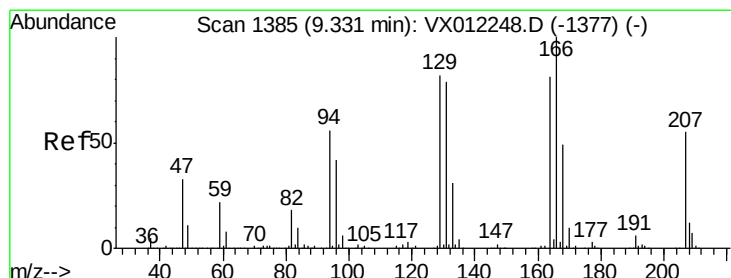
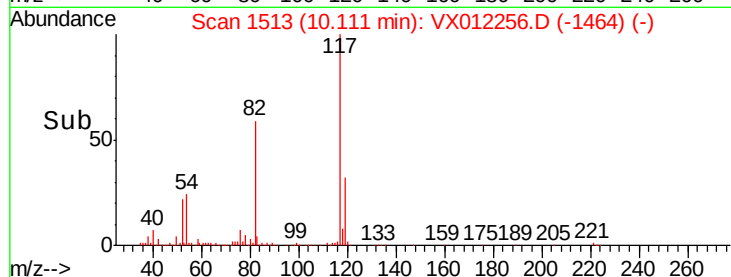
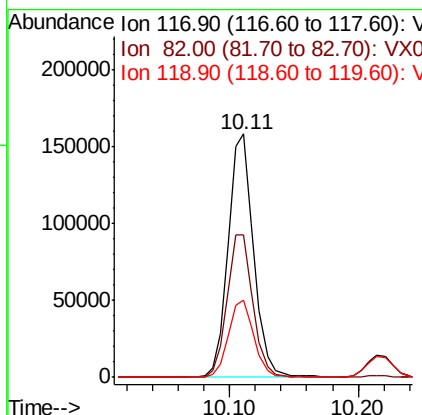
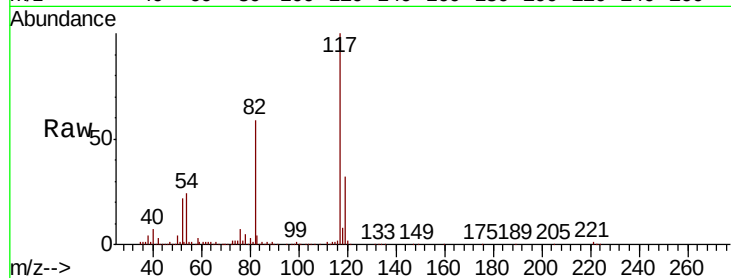




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

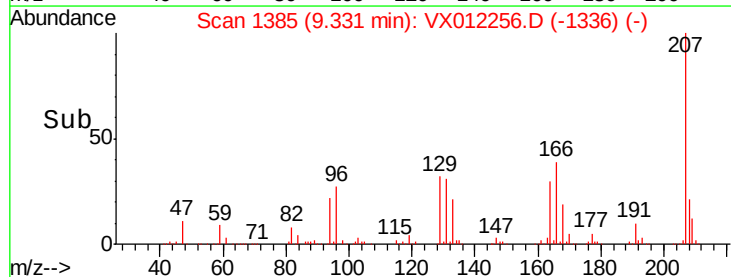
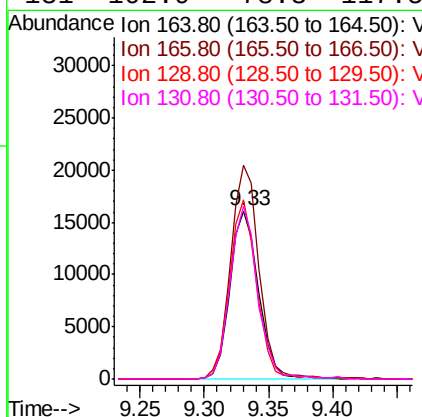
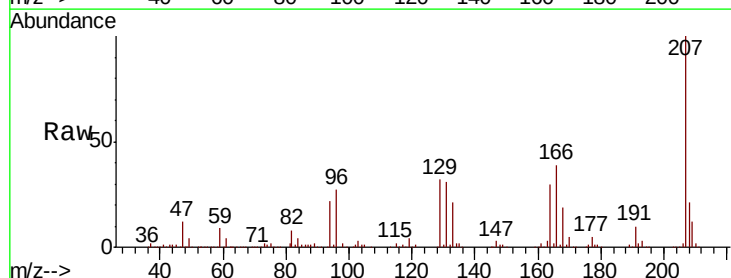
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

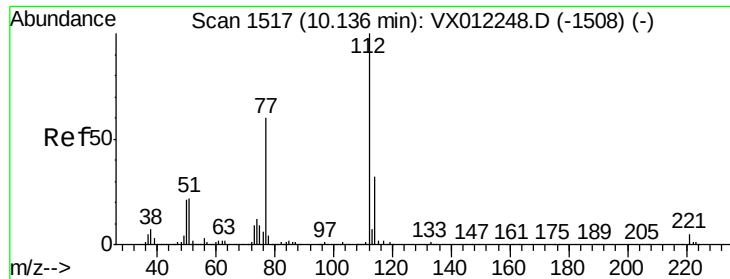
Tgt Ion:117 Resp: 219283
Ion Ratio Lower Upper
117 100
82 58.7 46.4 69.6
119 31.9 26.6 39.8



#64
Tetrachloroethene
Concen: 21.456 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Tgt Ion:164 Resp: 24883
Ion Ratio Lower Upper
164 100
166 127.0 99.4 149.0
129 106.5 81.8 122.8
131 102.9 78.3 117.5

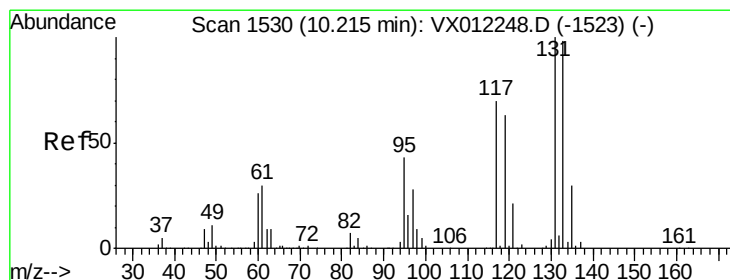
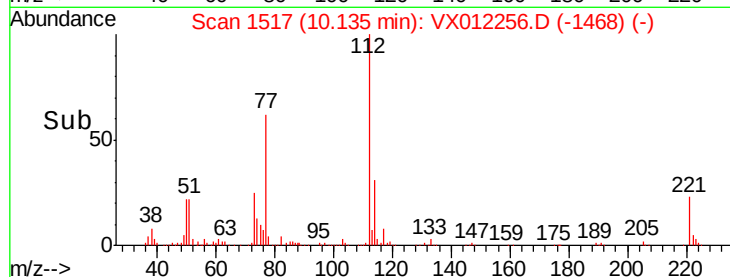
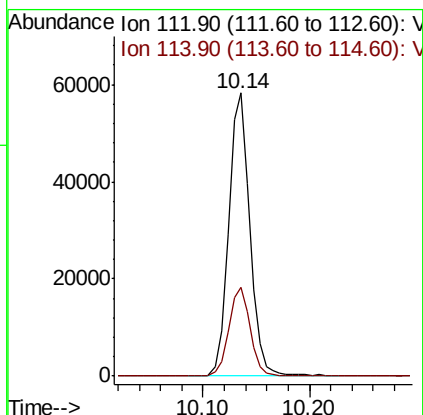
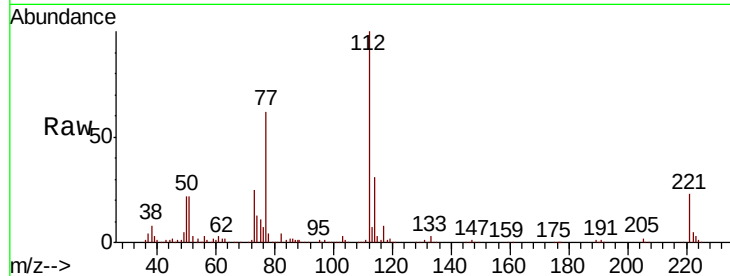




#65
Chlorobenzene
Concen: 20.229 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

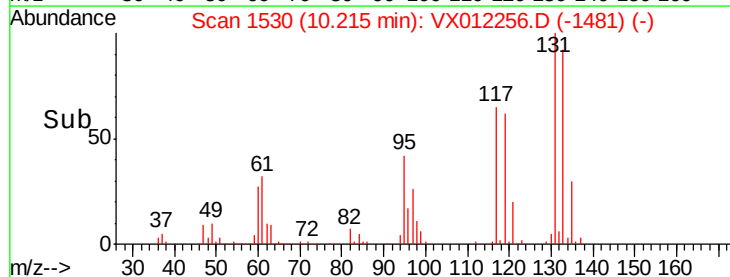
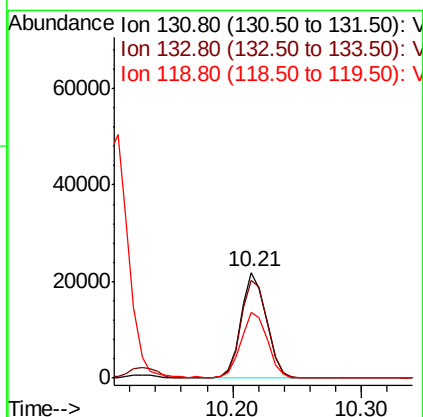
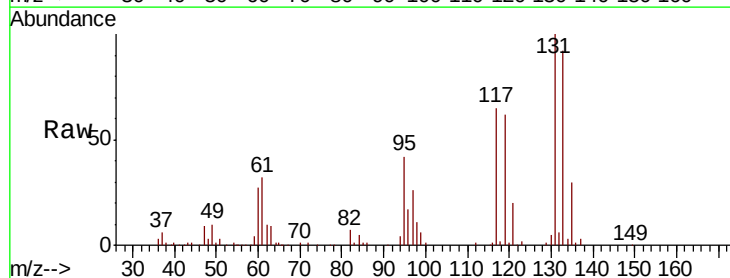
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

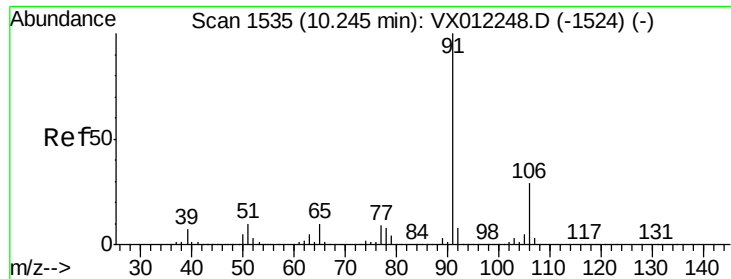
Tgt Ion:112 Resp: 81053
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.654 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Tgt Ion:131 Resp: 29686
Ion Ratio Lower Upper
131 100
133 96.6 48.0 144.2
119 64.8 31.6 95.0

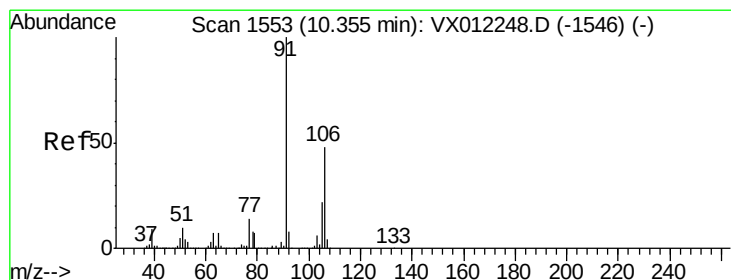
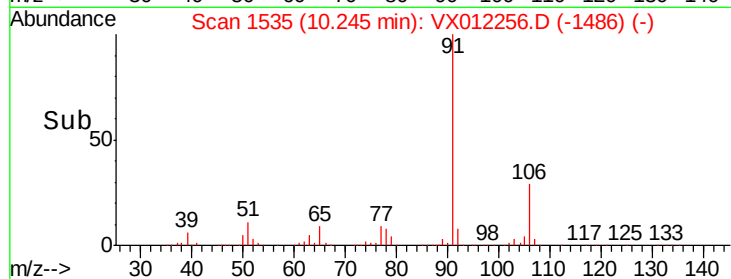
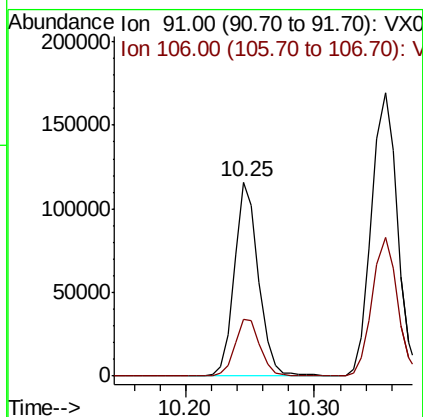
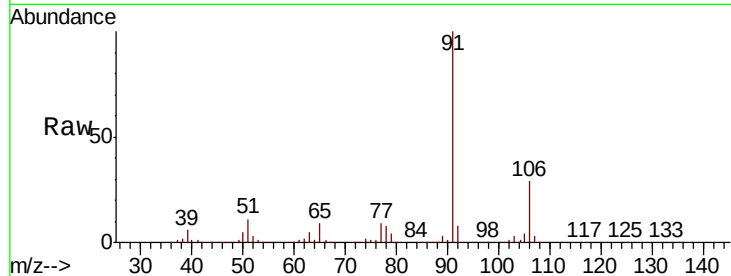




#67
Ethyl Benzene
Concen: 21.246 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

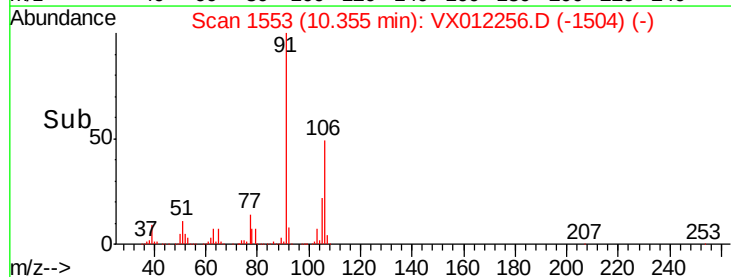
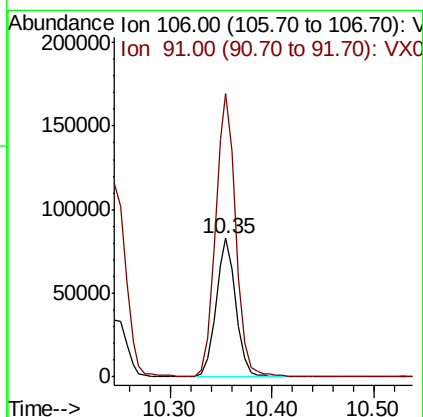
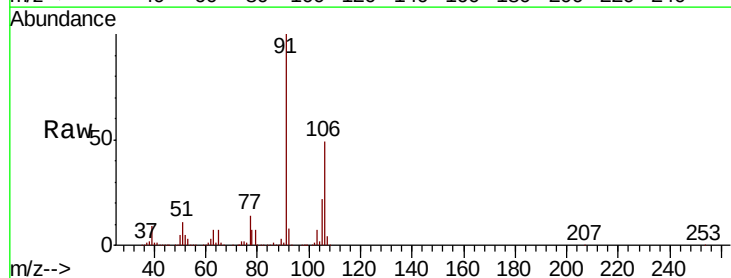
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

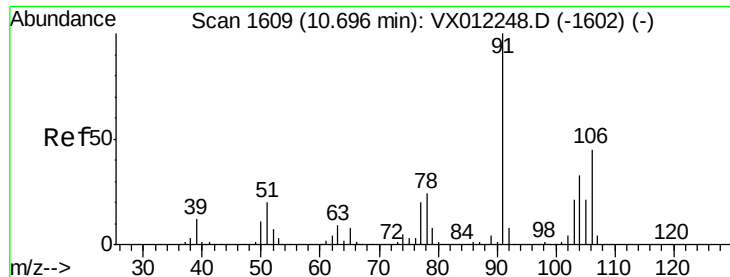
Tgt Ion: 91 Resp: 151402
Ion Ratio Lower Upper
91 100
106 29.3 23.1 34.7



#68
m/p-Xylenes
Concen: 43.028 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Tgt Ion: 106 Resp: 112872
Ion Ratio Lower Upper
106 100
91 208.5 167.0 250.6

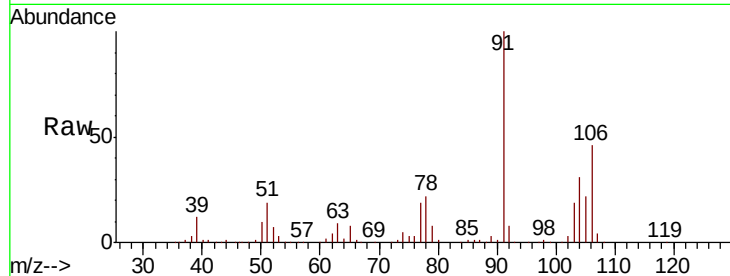




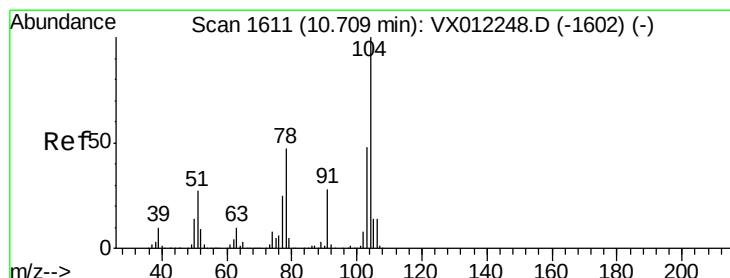
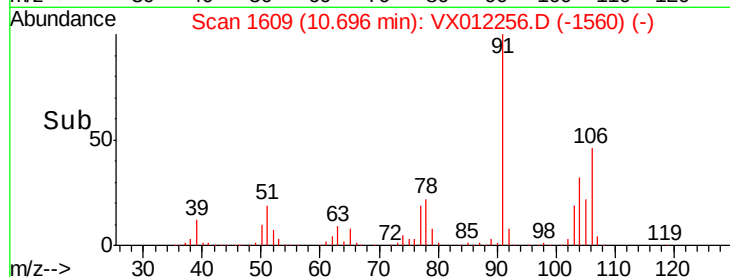
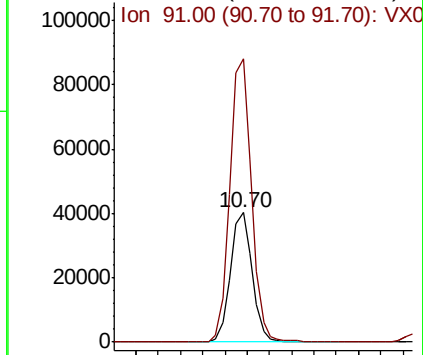
#69
o-Xylene
Concen: 21.190 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

Tgt Ion:106 Resp: 54454
Ion Ratio Lower Upper
106 100
91 217.0 110.5 331.4

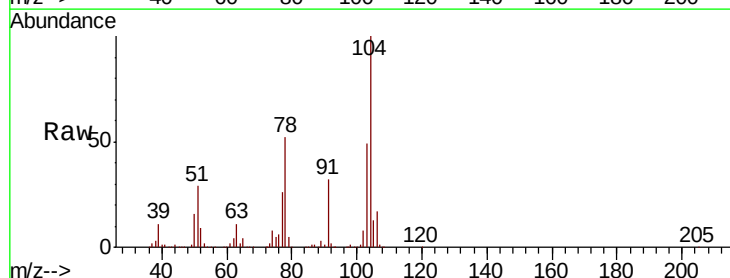


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

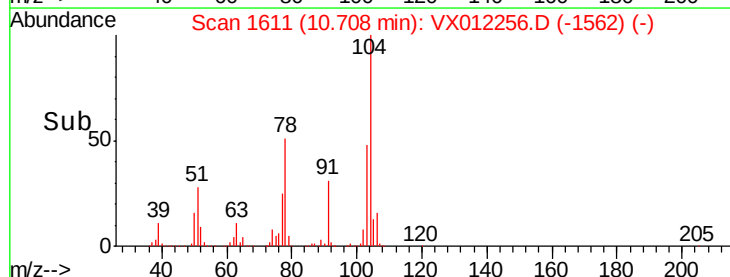
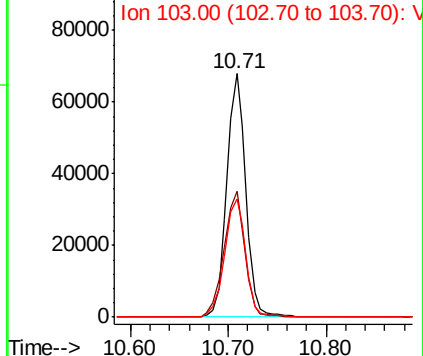


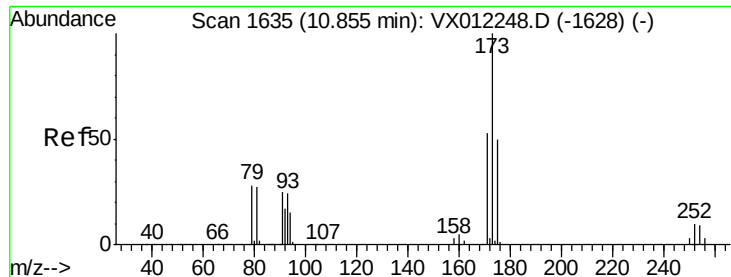
#70
Styrene
Concen: 20.139 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Tgt Ion:104 Resp: 91783
Ion Ratio Lower Upper
104 100
78 56.7 44.2 66.2
103 54.1 42.5 63.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.095 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

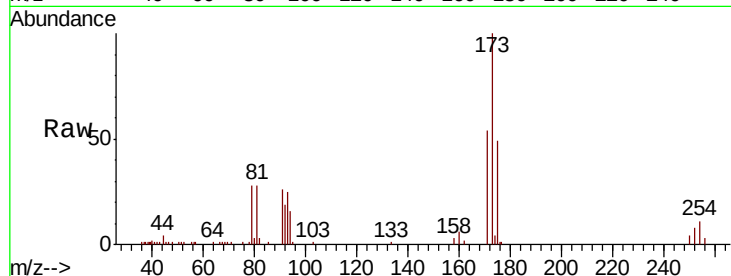
Tgt Ion:173 Resp: 13389

Ion Ratio Lower Upper

173 100

175 48.0 24.5 73.5

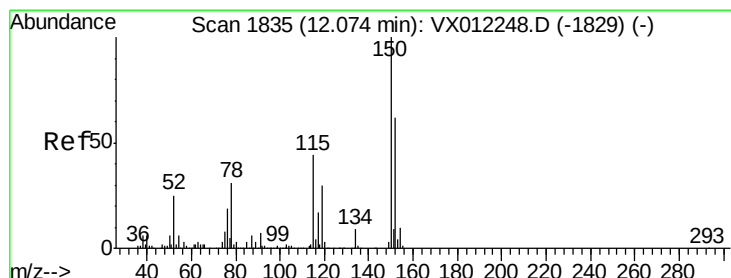
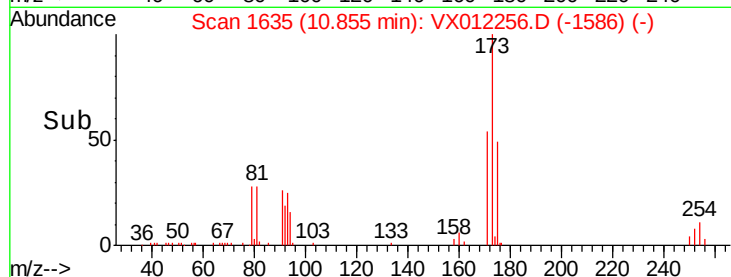
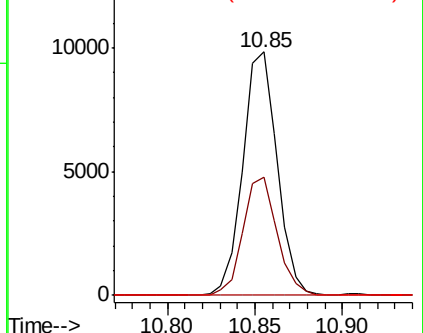
254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

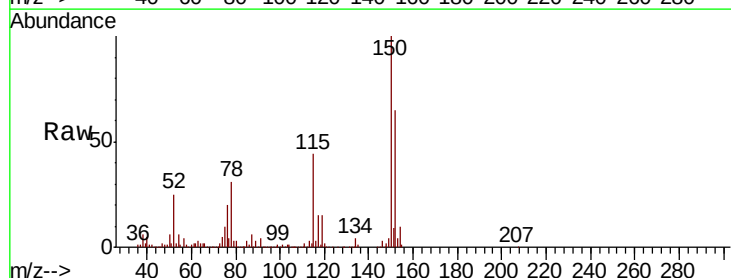
Tgt Ion:152 Resp: 105794

Ion Ratio Lower Upper

152 100

115 77.1 45.5 136.4

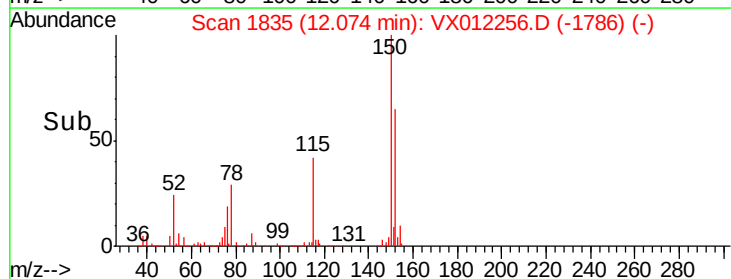
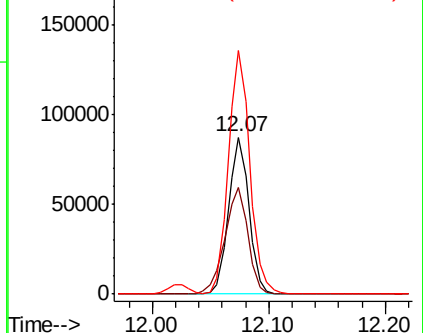
150 163.9 0.0 346.4

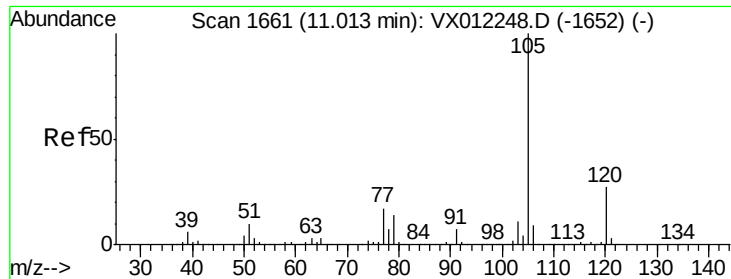


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.682 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

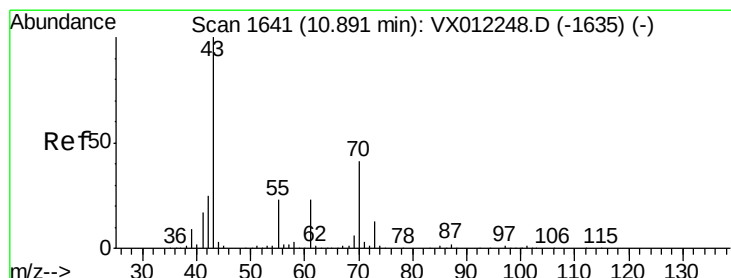
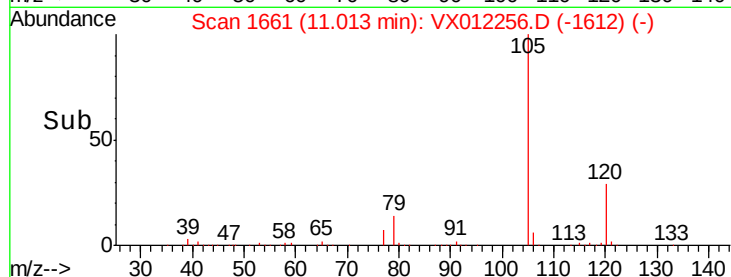
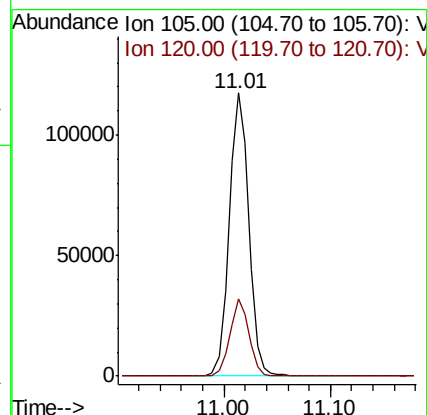
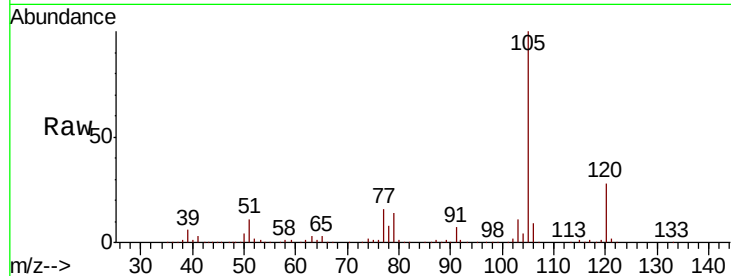
VX0910SBS02

Tgt Ion:105 Resp: 151010

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-amyl acetate

Concen: 17.582 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Tgt Ion: 43 Resp: 36409

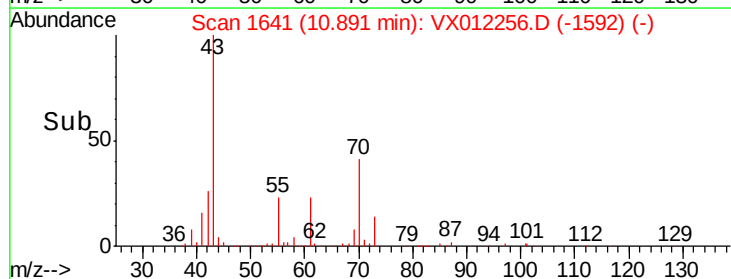
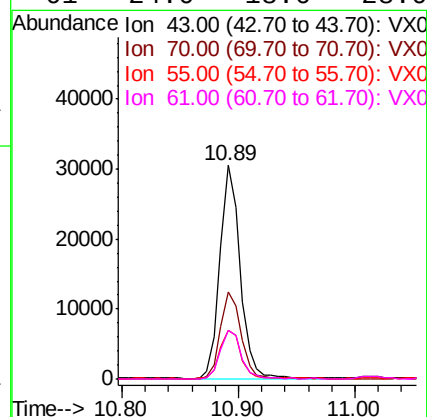
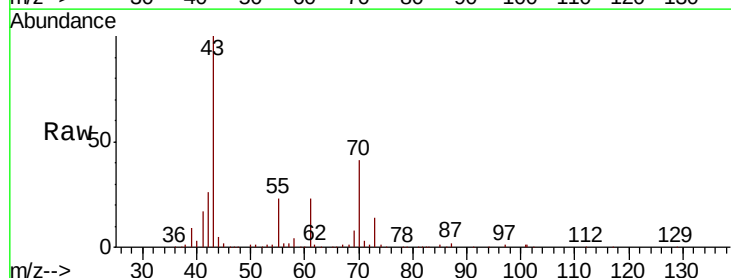
Ion Ratio Lower Upper

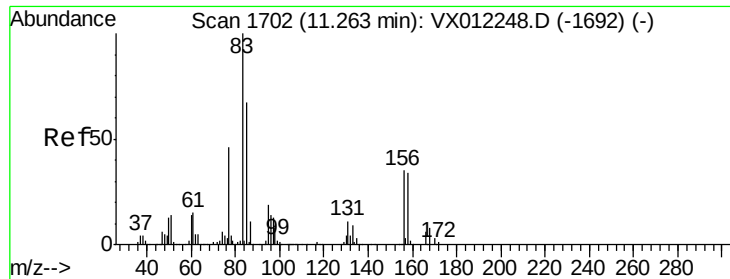
43 100

70 42.0 32.9 49.3

55 25.2 19.1 28.7

61 24.0 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.568 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampled :

VX0910SBS02

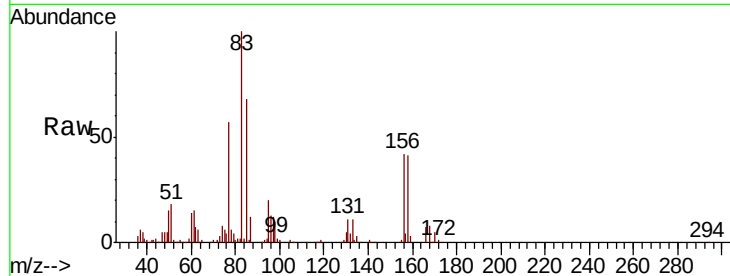
Tgt Ion: 83 Resp: 27774

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

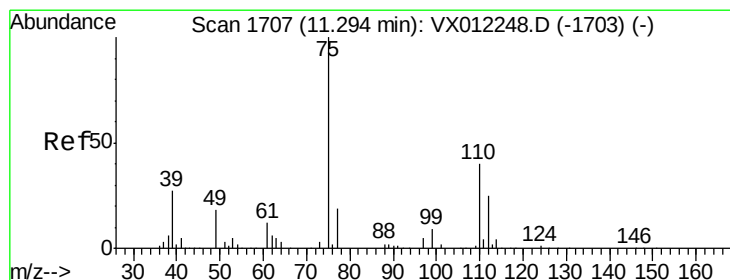
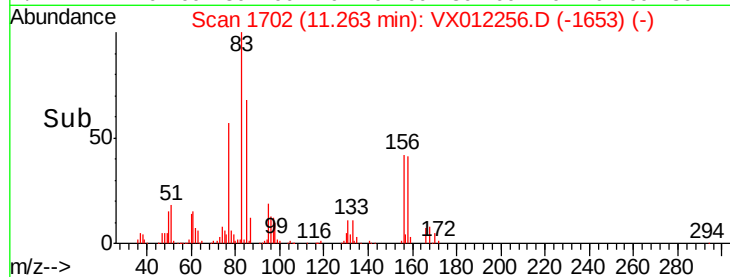
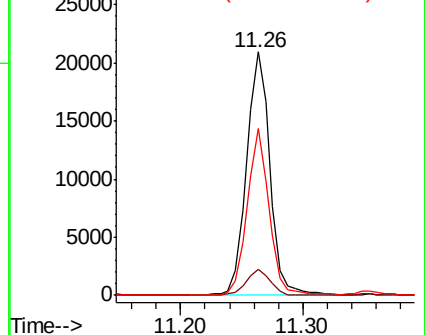
85 64.6 32.8 98.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.240 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012256.D

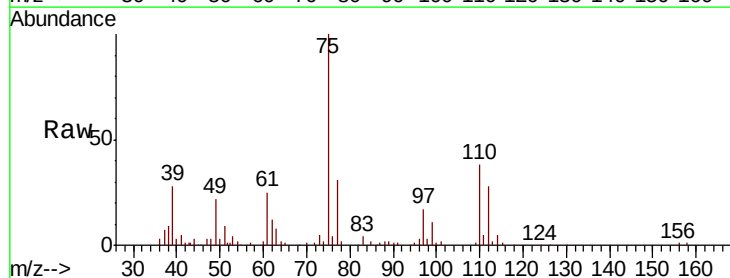
Acq: 10 Sep 2019 15:31

Tgt Ion: 75 Resp: 28867

Ion Ratio Lower Upper

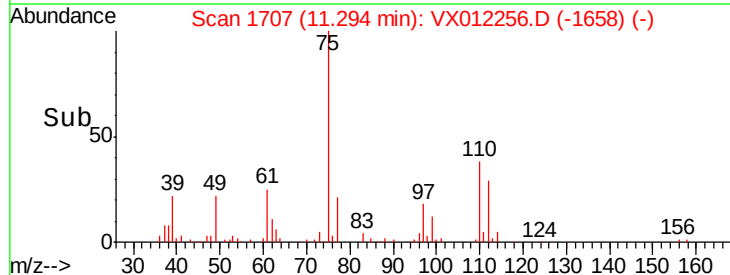
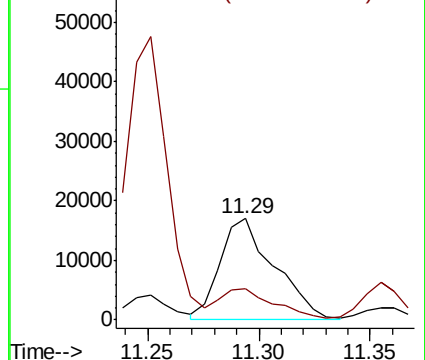
75 100

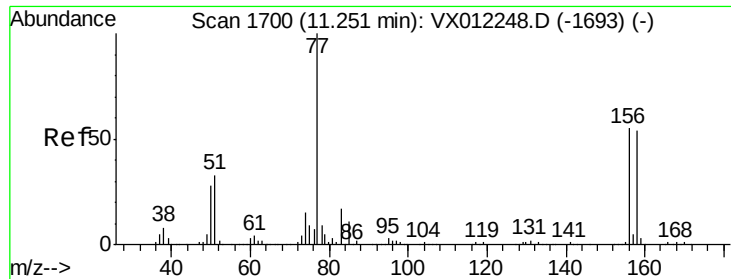
77 30.9 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.310 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

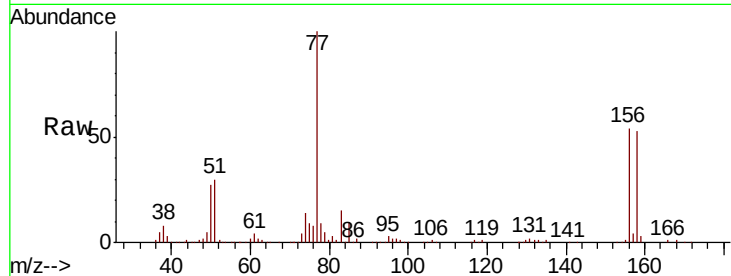
Tgt Ion:156 Resp: 32568

Ion Ratio Lower Upper

156 100

77 189.0 92.2 276.6

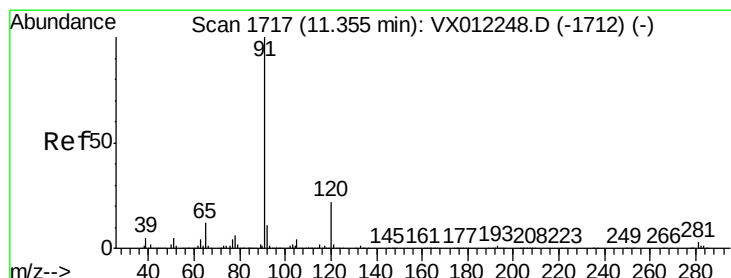
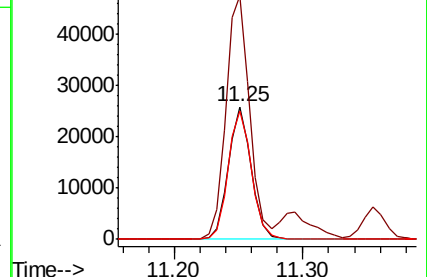
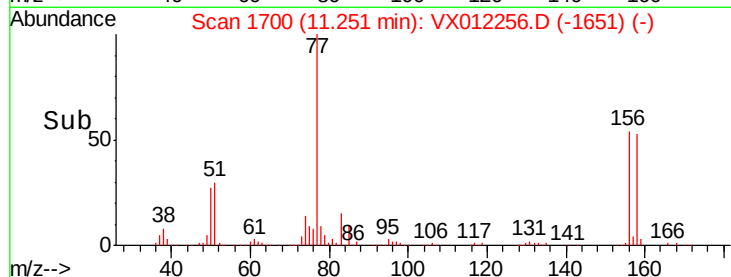
158 98.5 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.145 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012256.D

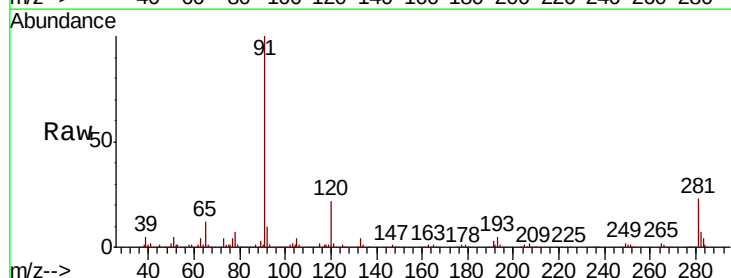
Acq: 10 Sep 2019 15:31

Tgt Ion: 91 Resp: 186249

Ion Ratio Lower Upper

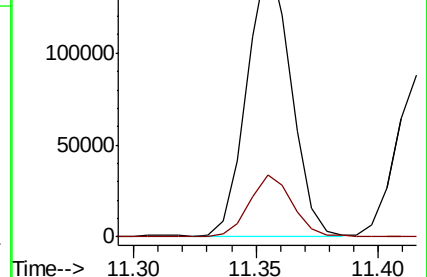
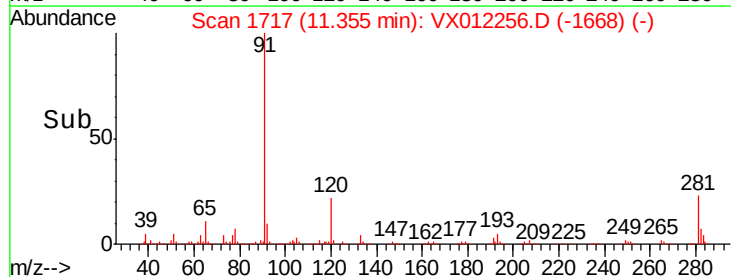
91 100

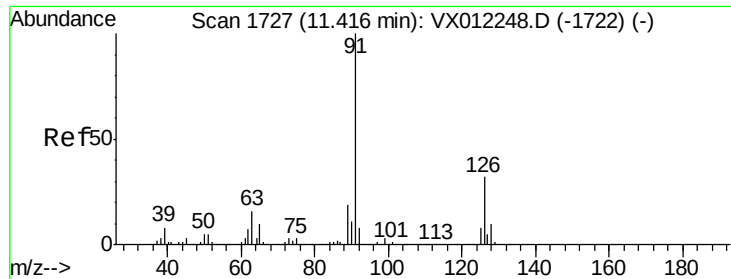
120 22.0 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

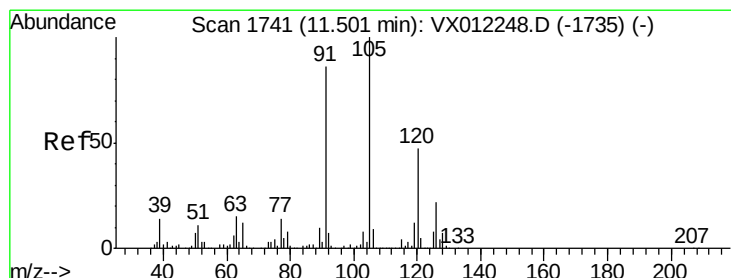
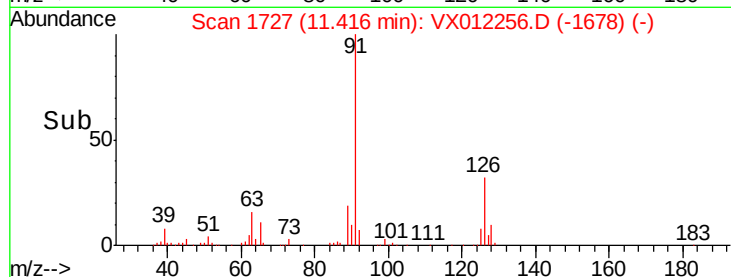
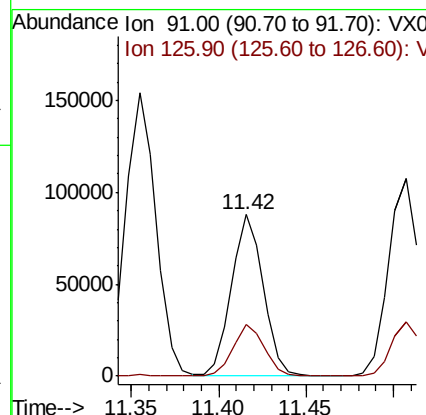
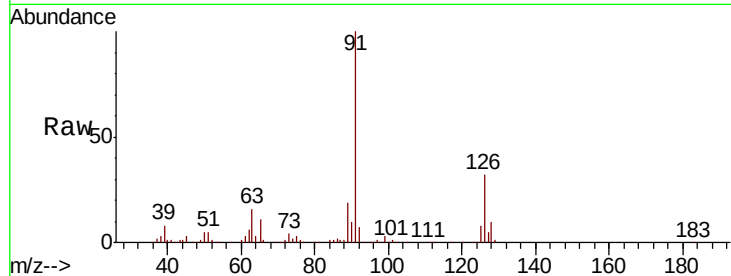




#79
 2-Chlorotoluene
 Concen: 21.298 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

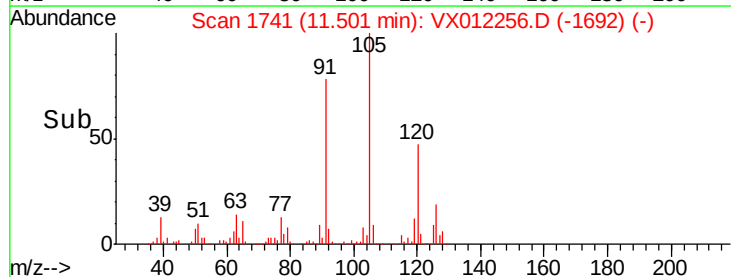
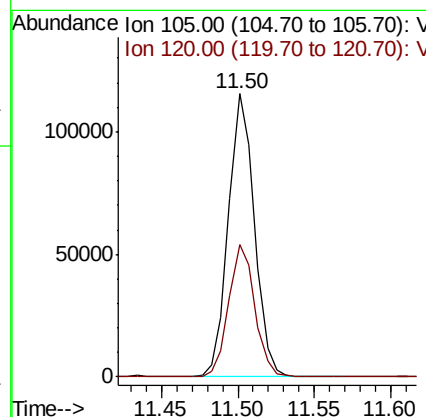
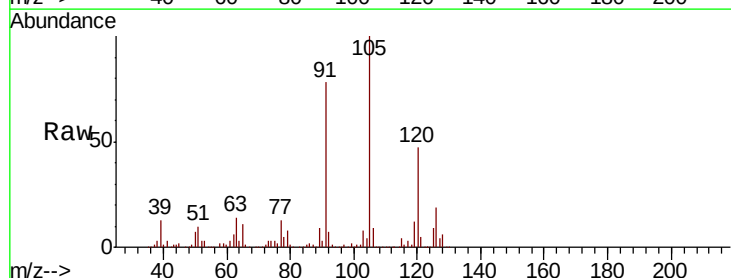
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

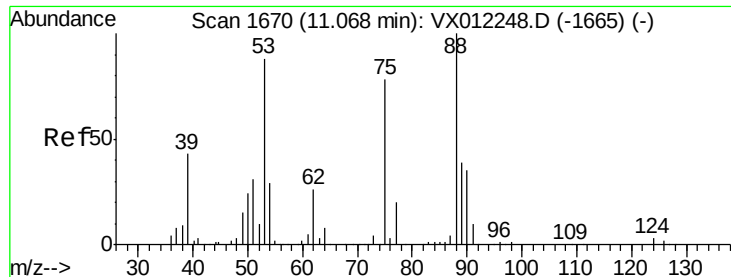
Tgt Ion: 91 Resp: 110978
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.725 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

Tgt Ion: 105 Resp: 136073
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 16.691 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

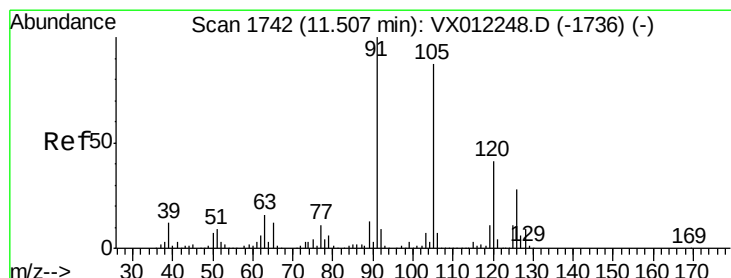
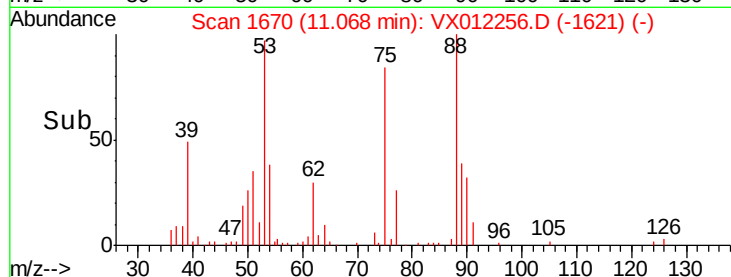
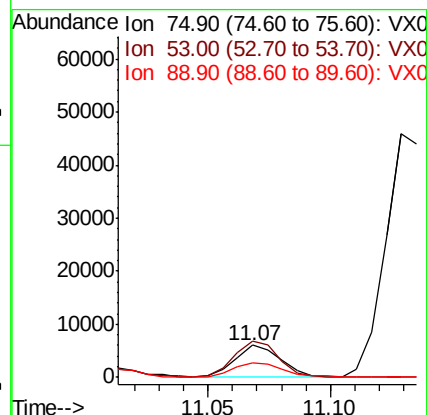
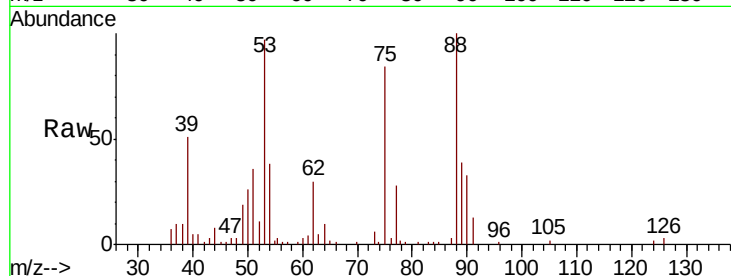
Tgt Ion: 75 Resp: 7571

Ion Ratio Lower Upper

75 100

53 119.2 88.1 132.1

89 54.2 43.5 65.3



#82

4-Chlorotoluene

Concen: 21.342 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012256.D

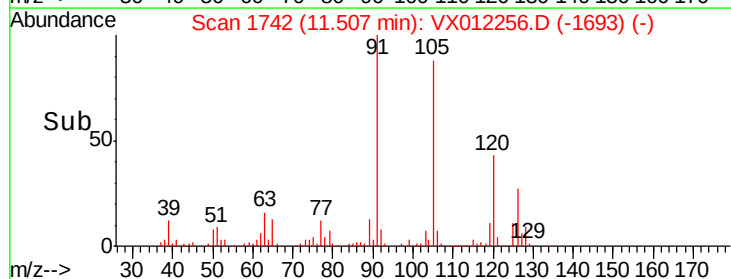
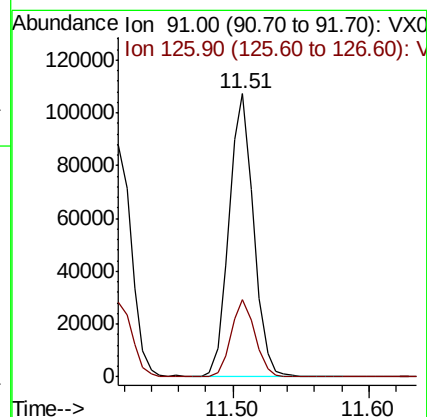
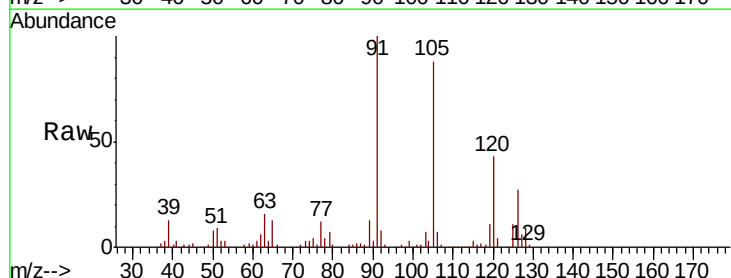
Acq: 10 Sep 2019 15:31

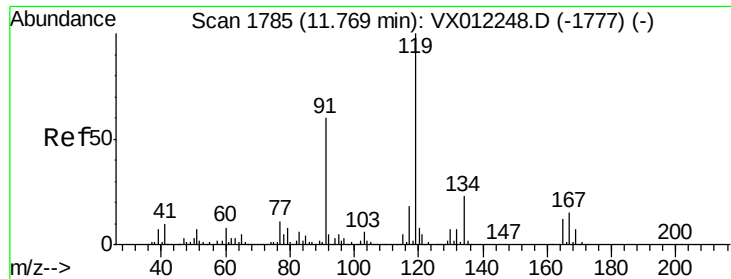
Tgt Ion: 91 Resp: 133651

Ion Ratio Lower Upper

91 100

126 26.9 14.0 42.0

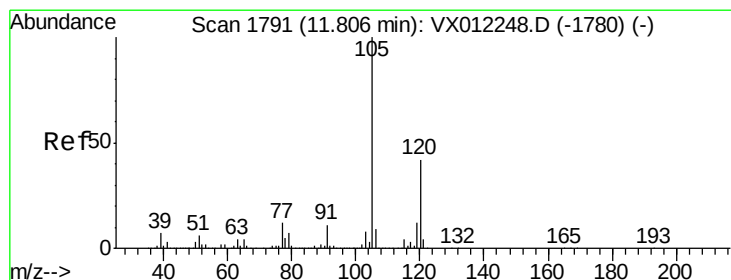
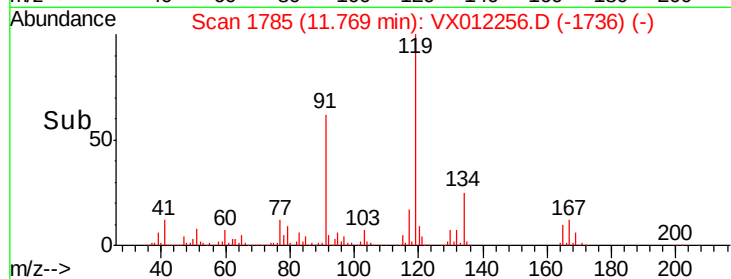
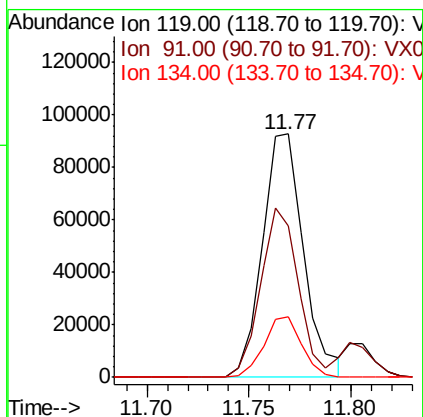
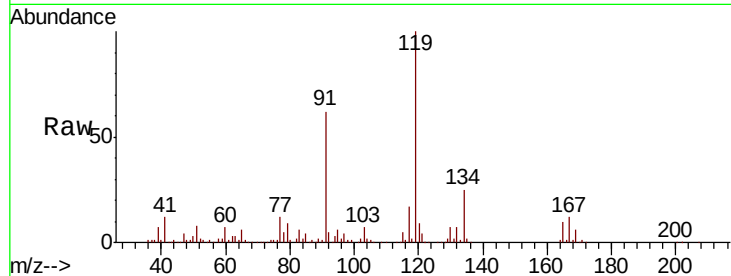




#83
 tert-Butylbenzene
 Concen: 21.460 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

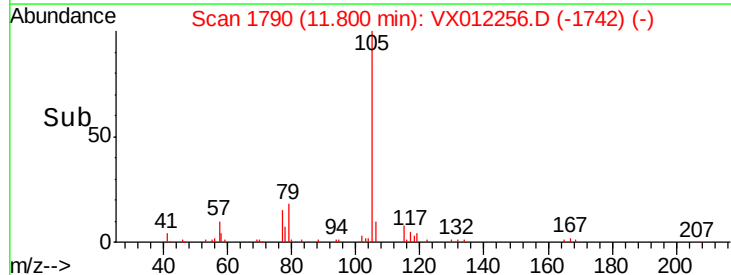
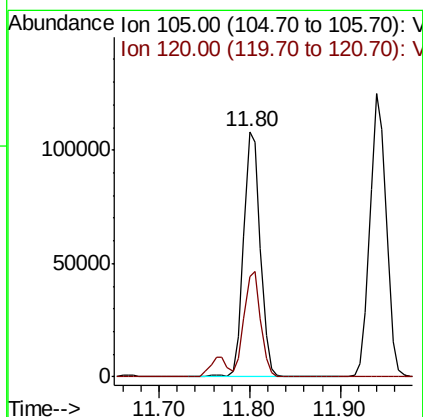
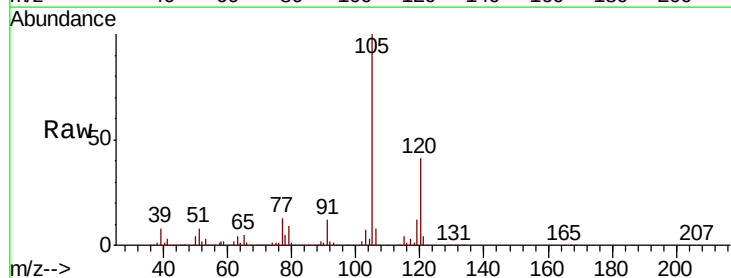
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

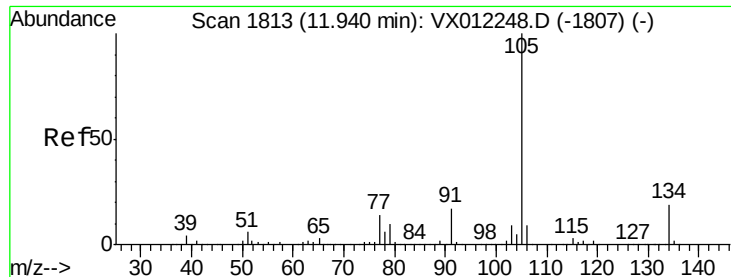
Tgt Ion:119 Resp: 130513
 Ion Ratio Lower Upper
 119 100
 91 63.6 30.9 92.8
 134 23.0 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.350 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

Tgt Ion:105 Resp: 138238
 Ion Ratio Lower Upper
 105 100
 120 42.6 21.3 63.9





#85

sec-Butylbenzene

Concen: 21.540 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

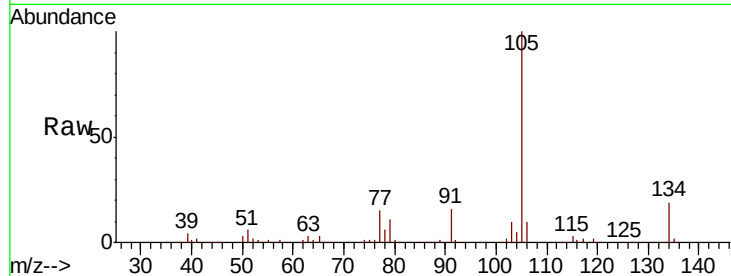
VX0910SBS02

Tgt Ion:105 Resp: 156305

Ion Ratio Lower Upper

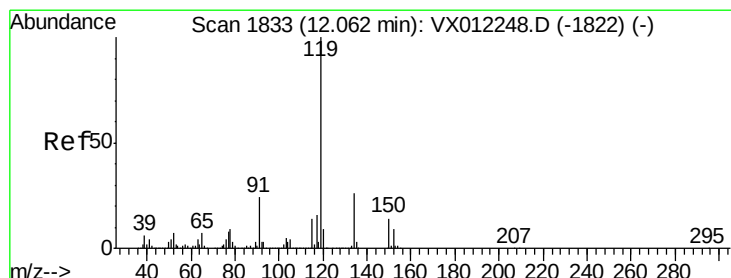
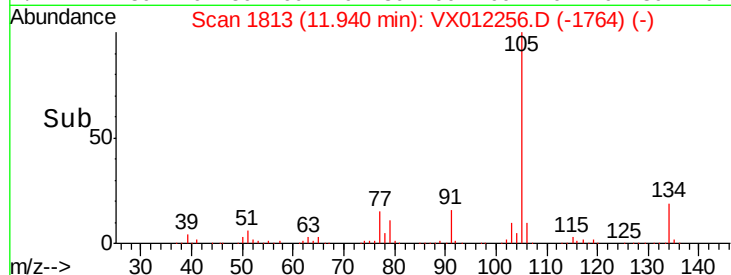
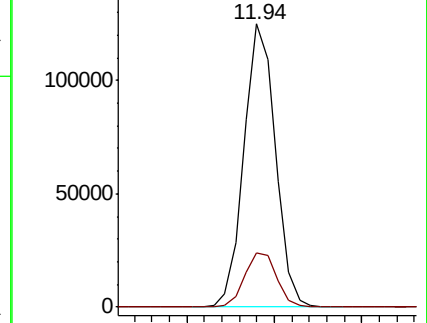
105 100

134 19.6 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.438 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

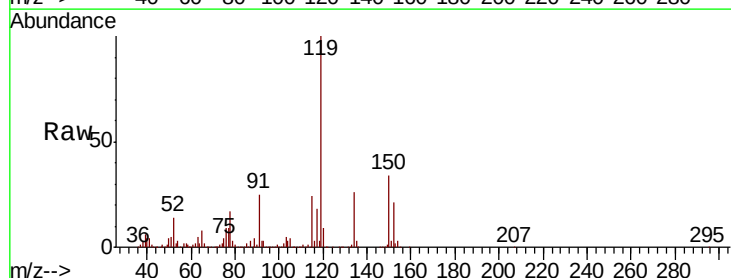
Tgt Ion:119 Resp: 143743

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

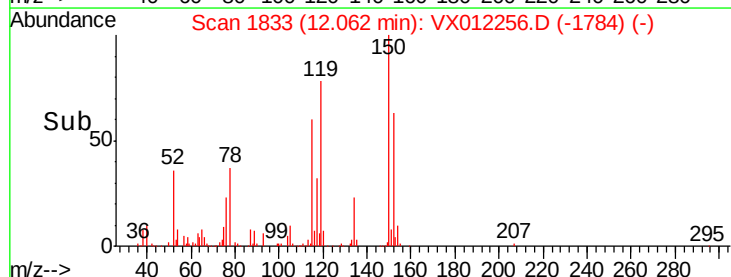
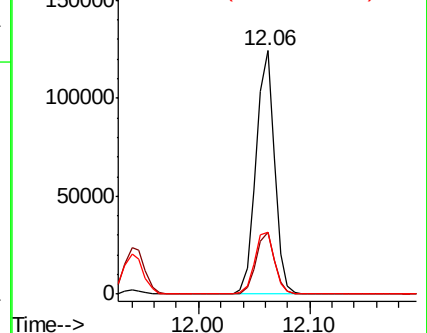
91 27.1 13.1 39.1

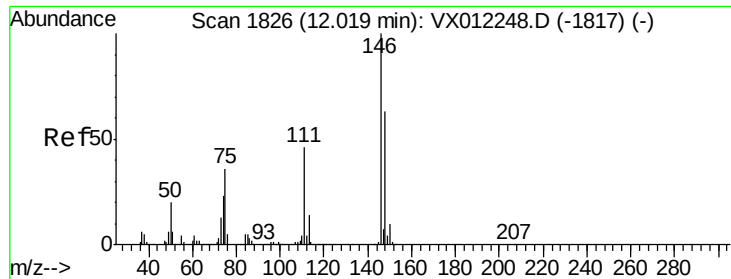


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

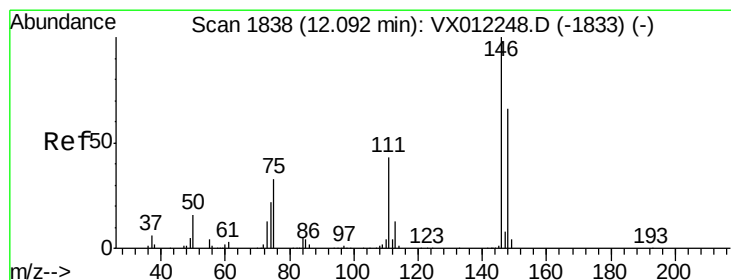
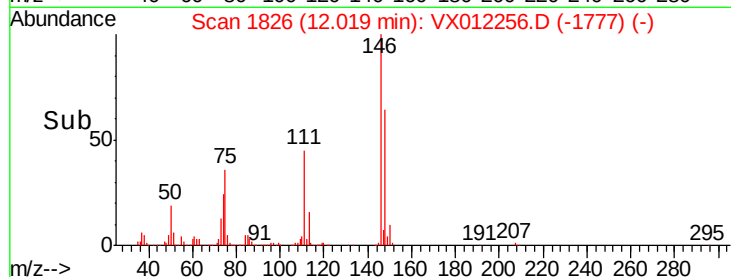
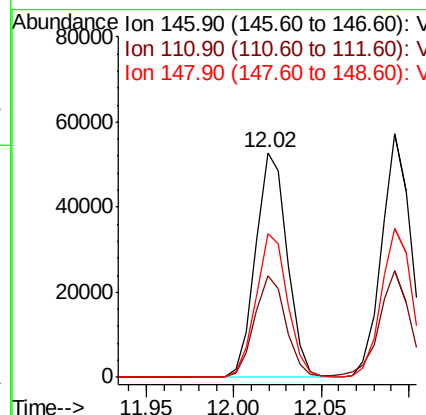
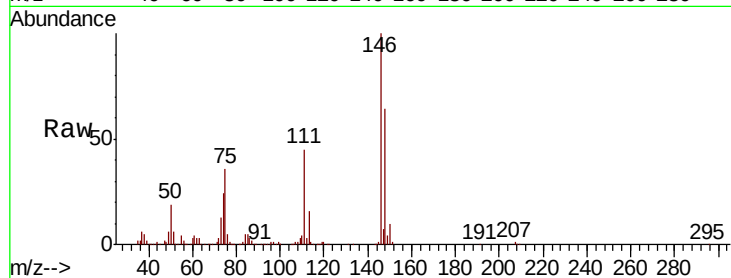




#87
 1,3-Dichlorobenzene
 Concen: 20.364 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

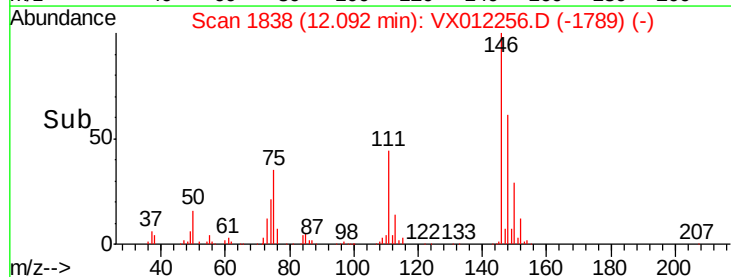
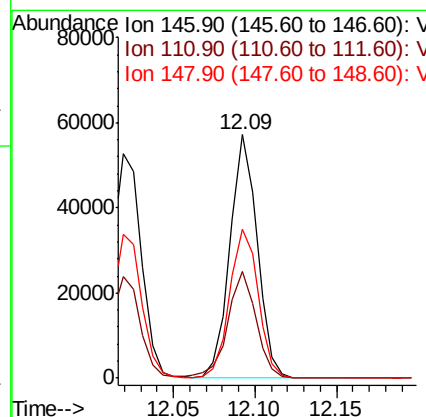
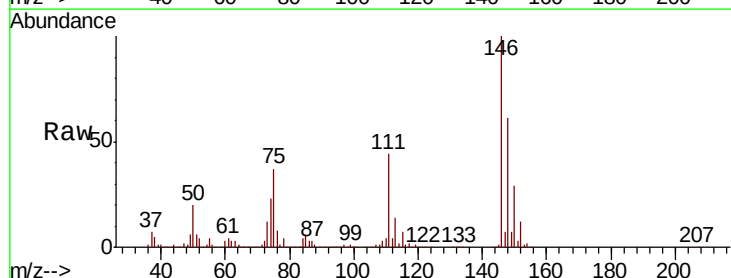
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

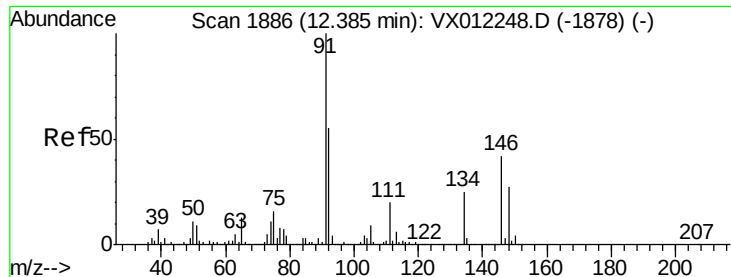
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.3	66.8
148	63.8	31.5	94.5



#88
 1,4-Dichlorobenzene
 Concen: 20.161 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.1	21.6	64.8
148	64.3	32.4	97.2





#89

n-Butylbenzene

Concen: 21.470 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012256.D

Acq: 10 Sep 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

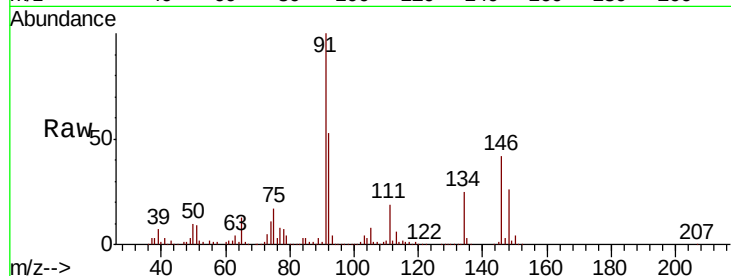
Tgt Ion: 91 Resp: 141093

Ion Ratio Lower Upper

91 100

92 54.2 27.6 82.7

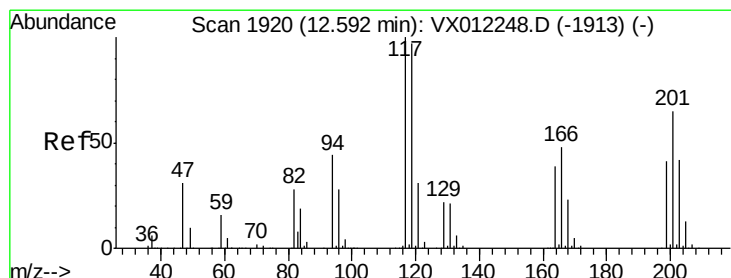
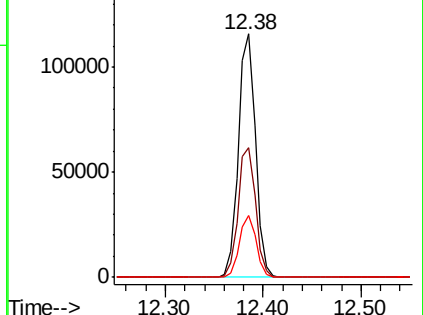
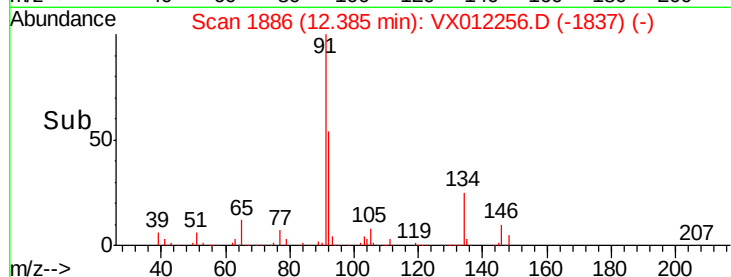
134 25.1 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX012248.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012248.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012248.D (-1878) (-)



#90

Hexachloroethane

Concen: 19.948 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012256.D

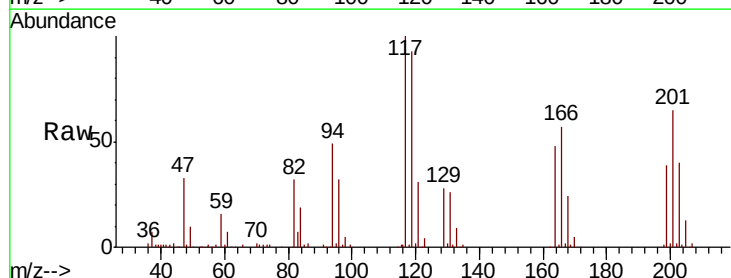
Acq: 10 Sep 2019 15:31

Tgt Ion: 117 Resp: 24636

Ion Ratio Lower Upper

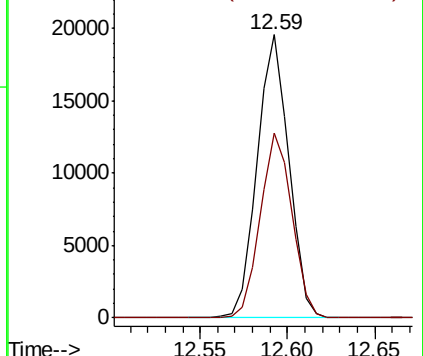
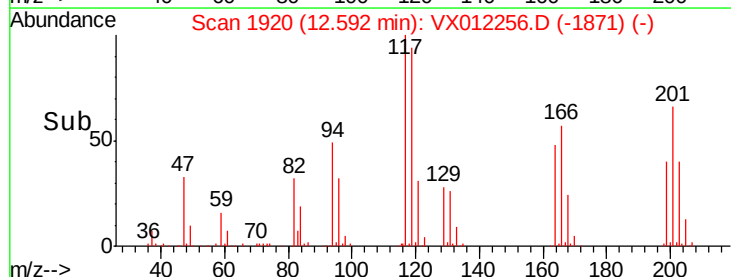
117 100

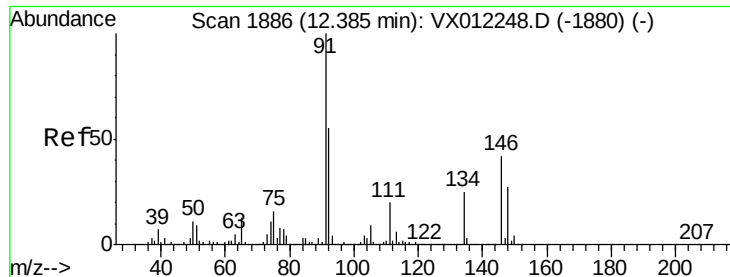
201 65.6 32.2 96.6



Abundance Ion 116.80 (116.50 to 117.50): VX012248.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012248.D (-1913) (-)

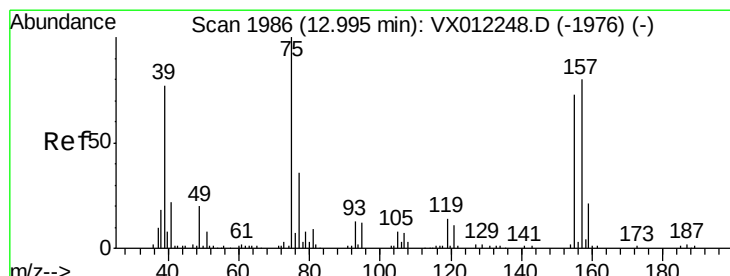
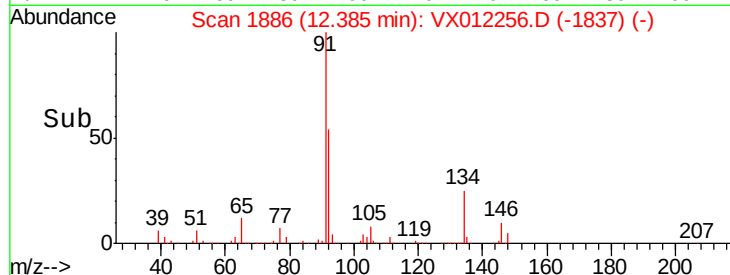
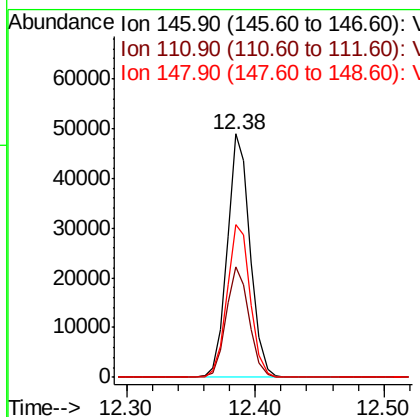
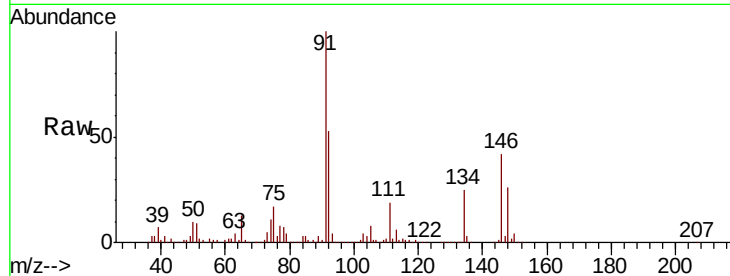




#91
 1,2-Dichlorobenzene
 Concen: 20.121 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

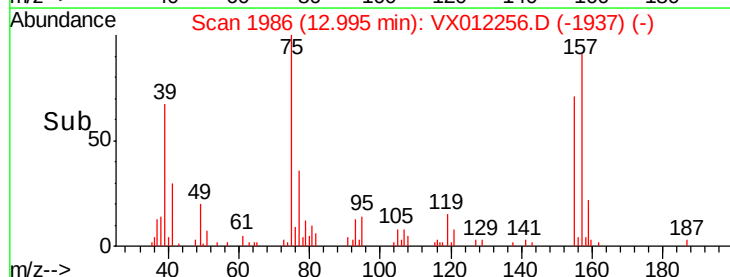
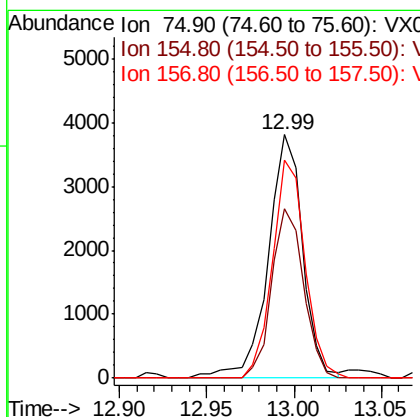
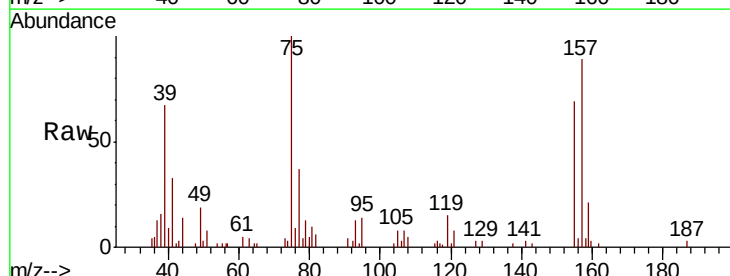
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

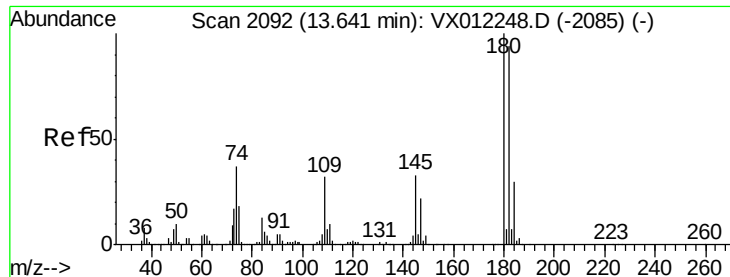
Tgt Ion:146 Resp: 60799
 Ion Ratio Lower Upper
 146 100
 111 45.8 23.2 69.6
 148 63.9 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.156 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

Tgt Ion: 75 Resp: 5238
 Ion Ratio Lower Upper
 75 100
 155 64.5 35.3 105.7
 157 84.2 43.2 129.6

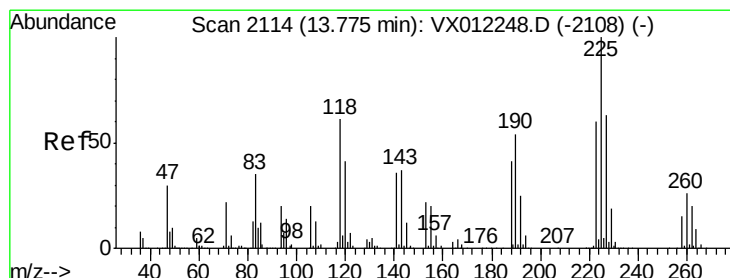
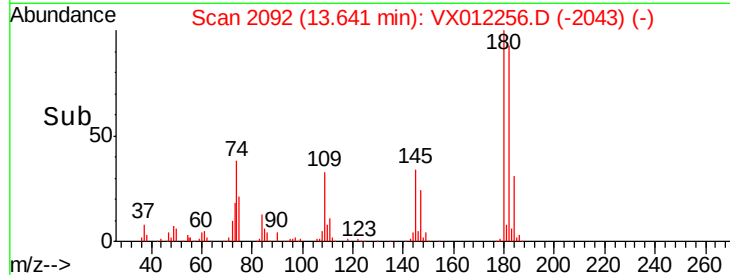
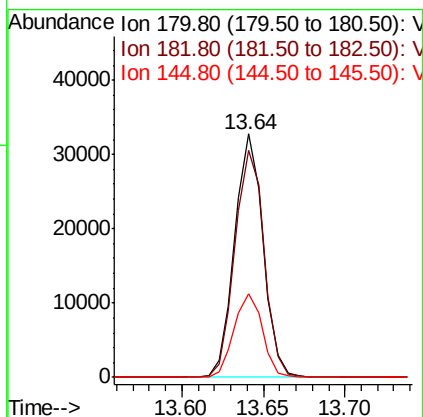
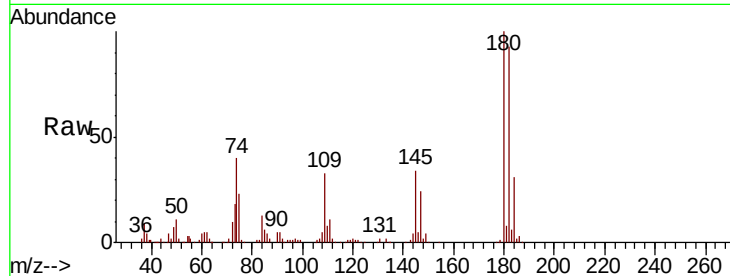




#93
 1,2,4-Trichlorobenzene
 Concen: 19.022 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

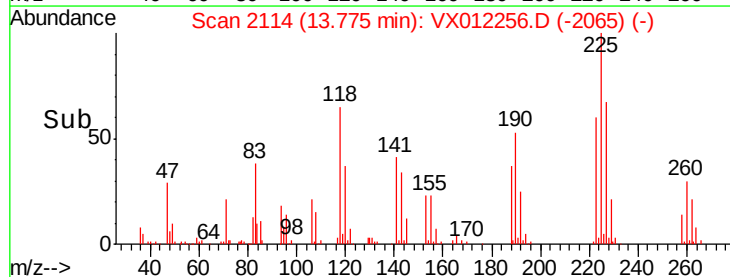
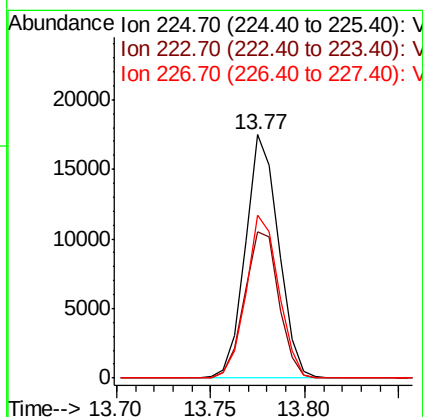
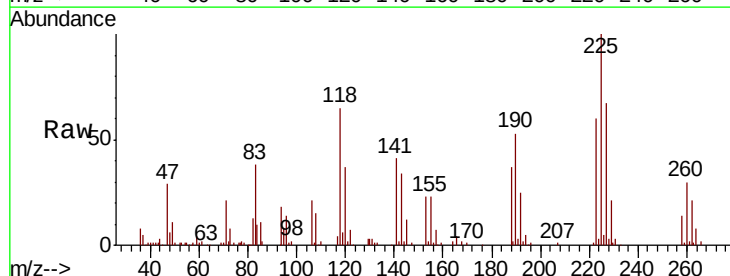
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

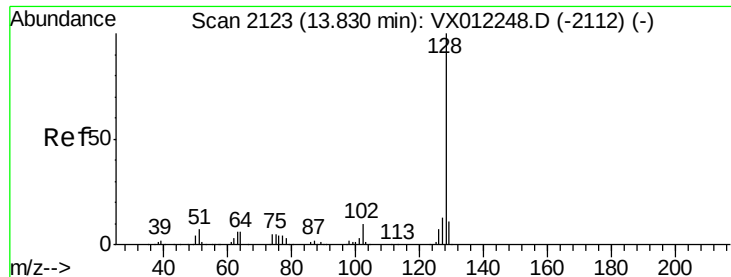
Tgt Ion:180 Resp: 39694
 Ion Ratio Lower Upper
 180 100
 182 96.1 46.9 140.8
 145 34.4 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 20.577 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX012256.D
 Acq: 10 Sep 2019 15:31

Tgt Ion:225 Resp: 21361
 Ion Ratio Lower Upper
 225 100
 223 62.1 32.1 96.5
 227 65.9 32.5 97.5

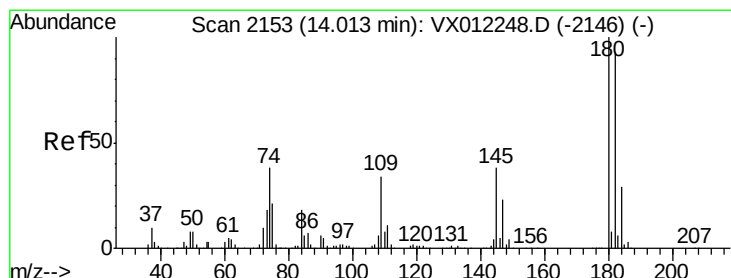
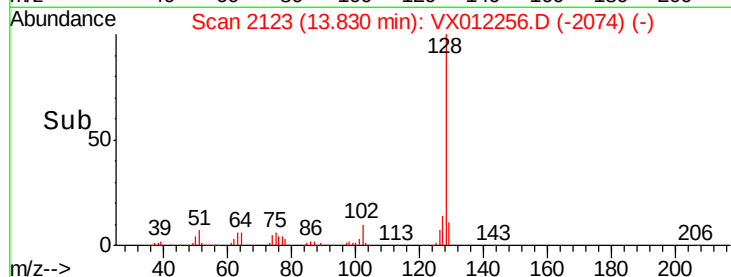
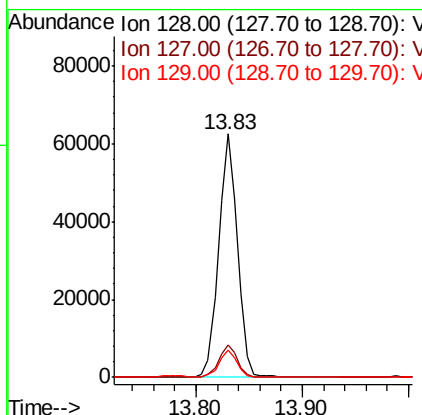
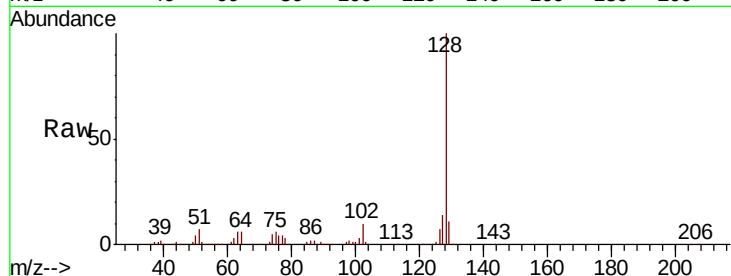




#95
Naphthalene
Concen: 17.081 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

Tgt Ion:128 Resp: 76491
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.265 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012256.D
Acq: 10 Sep 2019 15:31

Tgt Ion:180 Resp: 33722
Ion Ratio Lower Upper
180 100
182 95.8 47.0 141.0
145 37.2 18.6 55.8

